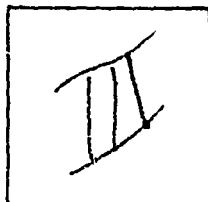


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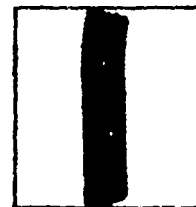
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1. REPORT NUMBER USAFETAC/DS- 81/026	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Biggs AAF, El Paso, Texas		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
		6. PERFORMING ORG. REPORT NUMBER															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Biggs AAF, El Paso, Texas It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

AD A095335

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

BIGGS AAF TX (EL PASO) WBAN #23044
N 31 48 W 106 24 FLD ELEV 3913 FT ELP WMO #72270

PARTS A-F
POR FROM HOURLY OBS: SEP 72 - AUG 80

POR FROM DAILY OBS: JAN 50 - AUG 80

TIME CONVERSION GMT TO LST: -7

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Wayne E. McCollom

WAYNE E. MCCOLLOM, Chief
Technical Information Section
USAFETAC/TST

For the Commander

Walter S. Burgmann

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer

13 FEB 1981

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

THIS RUSSWO WAS DEVELOPED USING METEOROLOGICAL OBSERVATIONS FOR EL PASO IAP WITH WBAN #23044

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WMO NUMBER
23019/23044	BIGGS AFB/EL PASO TEXAS	N 31 50	W 106 24	3961	KBIF/ELP	72270

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Biggs Field AAF Wea Station	AAF	Apr 41	Jun 48	N 31 50	W 106 24	3961		24
2	Biggs AFB	AFB	Jun 48	Oct 60	Same	Same	Same		24
3	Same	Same	Mar 66	Apr 66	Same	Same	Same		14
4	El Paso IAP, TX	W	May 66	Sep 72	N 31 48	Same	3956	3956	8 (punc
5	Same	Same	Oct 72	Sep 80	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 41	N/A	N/A	N/A	N/A	
2	17 Apr 53	Located on Roof of Hangar adjacent to Wea Station	Selsyn	ML-144-B	50 FT	
3	31 May 55	Located midway down runway 03-21	Same	ML-143-D	13 FT	
4	26 Sep 56	Located 800 ft South of centerline of runway 03-21, 1500 ft East of North-South taxi strip	AN/GMQ-1	RO-2	Same	
5	2 Apr 59	800 ft S centerline of runway 03 & 21, approx. 2000 ft E or NS taxi strip	AN/GMQ-1	RO-2	13 FT	

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CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
6	21 Oct 60	1. 1000 ft SW of end of runway 21 and 800 ft NW of center of runway	Same	Same	Same	
		2. 1200 ft NE of end of runway	Same	Same	Same	
7	May 66	03 and 500 ft NW of center of runway Located on Field	F420C	None	20 FT	

U.S AIR FORCE
ENVIRONMENTAL TECHNICAL
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PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	00-02		3.9		1.3		5.0	1.3	1.2		.4	3.0	743
	03-05	.1	4.2		3.1	.1	7.1	1.5	2.4		.7	4.6	744
	06-08		3.8		3.4		6.9	2.0	.4			2.4	744
	09-11		3.4		4.2		7.4	1.6	2.3		.3	4.2	744
	12-14		3.9		2.2		6.1	1.5	.7			2.0	743
	15-17		3.0		1.5		4.4	.5	2.6		.7	3.8	743
	18-20	.1	3.4		1.3		4.7	.4			.4	.8	744
	21-23	.1	4.2		1.1		5.2	.7	2.4		.5	3.6	744
TOTALS		.0	3.7		2.3	.0	5.9	1.2	1.5		.4	3.1	5949

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	UST A D/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.7	4.6				4.6	.1				.1	743
	03-05	.9	3.2				3.2		1.5			1.5	744
	06-08	.1	2.4				2.4						744
	09-11		2.7				2.7	.1	1.1		.1	1.3	744
	12-14	1.5	2.4				2.4						744
	15-17	3.9	4.6				4.6		.3			.3	743
	18-20	4.7	5.5				5.5				.5	.5	741
	21-23	2.6	3.8				3.8		.9		.7	1.6	741
TOTALS		1.9	3.7				3.7	.0	.5		.2	.7	5944

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2.3	6.3				6.3				.1	.1	744
	03-05	.9	4.0				4.0		2.2			2.2	744
	06-08	.1	2.0				2.0		.3			.3	744
	09-11	.5	1.3				1.3	.1	2.6			2.7	744
	12-14	2.2	3.2				3.2				.1	.1	744
	15-17	3.9	4.2				4.2		.1		.3	.4	744
	18-20	4.0	4.3				4.3				.1	.1	744
	21-23	2.7	6.0				6.0		.3		.3	.5	744
TOTALS		2.1	3.9				3.9	.0	.7		.1	.8	5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02	.7	1.4				1.4		.1		.3	.4	720
	03-05		.8				.8		3.8		.1	3.9	718
	06-08		.8				.8		.1			.1	719
	09-11		.7				.7		1.7		.1	1.8	720
	12-14	.3	.4				.4						717
	15-17	1.1	1.1				1.1				1.3	1.3	719
	18-20	1.7	2.4				2.4				.6	.6	720
	21-23	1.4	2.6				2.6		1.1		.7	1.8	719
TOTALS		.7	1.3				1.3		.9		.4	1.2	5752

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.1	1.6				1.6						744
	03-05	.3	.8				.8		1.7			1.7	744
	06-08		1.2				1.2	.1				.1	744
	09-11	.1	1.3				1.3		2.6		.3	2.8	744
	12-14	.1	.3				.3				.3	.3	743
	15-17	1.5	1.7				1.7		.1		1.3	1.5	744
	18-20	2.2	5.1				3.1				.1	.1	744
	21-23	1.1	1.6				1.6		.5		.5	1.1	743
TOTALS		.7	1.5				1.5	.0	.6		.3	1.0	5950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23044 BIGGS AAF TX (EL PASO) 73-80 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.1	.8		.4		1.1		.3		.4	.7	719
	03-05		1.1		.7		1.4		2.1			2.1	720
	06-08		.7		.6		1.3	.3	.6			.8	720
	09-11	.1	.8		.4	.1	1.4	.1	1.7		1.5	3.3	719
	12-14		.6		.3		.8	.1			2.4	2.5	720
	15-17	.1	.3				.3		1.5		5.3	6.8	720
	18-20	.3	.6				.6				2.1	2.1	719
	21-23	.3	1.0		.4		1.4		.4		1.8	2.2	720
TOTALS		.1	.7		.4	.0	1.0	.1	.8		1.7	2.6	5757

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23044

STATION

BIGGS AAF TX (EL PASO)

STATION NAME

73-80

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		.9		.3		1.1				.1	.1	744
	03-05		1.6		.4		2.0		1.2		.5	1.7	744
	06-08		.9		.4		1.3	.4				.4	744
	09-11		1.1		.3		1.2	.1	2.3		1.9	4.3	743
	12-14		1.5		.1		1.5				3.1	3.1	744
	15-17	.1	.8				.8		.5		5.5	6.0	744
	18-20		1.1				1.1	.1			.7	.8	744
	21-23		1.2		.1		1.3		1.6		1.6	3.2	744
TOTALS		.0	1.1		.2		1.3	.1	.7		1.7	2.5	5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23044

BIGGS AAF TX (EL PASO)

73-80

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02		2.7		1.0		3.7	.4	.1			.6	678
	03-05		2.1		1.0		3.1	1.2	1.8		.3	3.2	678
	06-08		4.1		.7		4.7	2.5	.1		.1	2.7	678
	09-11		2.9		.9		3.8	3.1	3.1		.4	6.6	678
	12-14		2.4		1.2		3.5	1.2	.6		.6	2.2	678
	15-17	.1	2.1		.7		2.8	.4	.7		1.0	2.2	678
	18-20		2.5		.6		3.0				.6	.6	677
	21-23		3.2		.9		3.8		1.3		.3	1.6	678
TOTALS		.0	2.8		.9		3.6	1.1	1.0		.4	2.5	5423

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF-WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

2144 HADGS HAF TX (EL PASO)
STATION STATION NAME

50-80
YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG	SEP.	OCT.	NOV.	DEC	ALL MONTHS
1	TRAC.	TRAC.	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.
2	3.8	1.6	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	7.1	12.7
3	TRAC.	1.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	TRAC.	TRAC.	1.0
4	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	2.2	2.2
5	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6
6	TRAC.	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
7	.0	3.9	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	2.3	11.2
8	TRAC.	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
9	.0	.0	7.3	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	10.1
10	.0	TRAC.	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	TRAC.
11	TRAC.	2.1	TRAC.	TRAC.	.0	.0	.0	.0	.0	.0	.0	10.1	12.2
12	TRAC.	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	7.3
13	1.6	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
14	.8	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	6.1
15	.0	TRAC.	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	TRAC.
16	.0	.3	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	.3
17	.4	TRAC.	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	.4
18	.0	TRAC.	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	5.6	5.6
19	2.1	2.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	12.2
20	.0	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.9
21	.0	1.7	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
22	3.2	TRAC.	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	1.0	4.8
23	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	2.5
24	9.3	4.6	TRAC.	.0	.0	.0	.0	.0	.0	.0	TRAC.	.0	9.9
25	TRAC.	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	5.3
26	2.2	.2	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	4.4
27	1.0	.0	TRAC.	TRAC.	.0	.0	.0	.0	.0	TRAC.	12.7	2.0	15.7
28	TRAC.	TRAC.	.0	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.
29	TRAC.	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRAC.	TRAC.	TRAC.
30	TRAC.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0 88-5 (OLA)
JUL 84

USAF ETAC FORM 0 88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

2 44 STATION 1065 AAF TX (F1 P4.0)

50-80

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
1	TPAC	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
2	3.0	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.2
3	PAC	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.0
4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	1.2
5	TPAC	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	7.2	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	2.3	7.2
7	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	2.7	.0	2.7
8	2.0	.0	3.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.8
9	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
10	TRACE	2.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	4.7	4.7
11	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	6.6	TRACE	6.6
12	1.2	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
13	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
14	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
15	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0
16	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
17	.0	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	2.6	2.6
18	1.7	2.3	.0	.0	.0	.0	.0	.0	.0	.0	4.0	TRACE	4.0
19	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	4.1	1.0	4.1
20	.0	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
21	1.0	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	1.5
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
23	4.5	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	4.5
24	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.1
25	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
26	.0	.0	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	4.1	2.0	4.1
27	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
28	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
29	TRACE	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88 5 (OLA)
JUL 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

27044 2265 AAF IX (EL PASO)

50-87

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	41.7	5.6	1.1	.8	.5	.1		.1						2.7	961	.8	5.3	.0	
FEB	44.4	3.5	.2	.8	.6	.3			.1					2.1	875	1.1	8.9	.0	
MAR	46.7	3.2		.2	.1		.2							.5	961	.4	7.3	.0	
APR	48.8	1.1			.1									.1	930	.1	2.0	.0	
MAY	100.0														961	.0	.0	.0	
JUN	100.0														930	.0	.0	.0	
JUL	100.0														961	.0	.0	.0	
AUG	100.0														961	.0	.0	.0	
SEP	100.0														900	.0	.0	.0	
OCT	49.6	.2													930	TRACE	TRACE	.0	
NOV	47.1	1.3	.1	.3	.1	.6	.3		.1					1.6	900	1.3	12.7	.0	
DEC	43.0	4.5	.2	1.1	.3	.1	.2	.2						2.2	930	1.3	10.1	.0	
ANNUAL	47.6	1.6	.1	.3	.1	.1	.1	.0	.0					.8	11201	5.0	X	X	

USAFETAC FORM 0-15-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

244 STATION LGGs, TX (EL PASO) STATION NAME

50-50

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88.5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

2 54 STATION 22GS AAF TX (EL PASO)

50-00

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC.	ALL MONTHS
1	.27	.26	TRACE	TRACE	.10	.11	3.57	.16	1.32	.94	.00	.00	6.75
2	.33	.63	.59	.45	TRACE	TRACE	2.40	.72	.04	.43	.12	.65	6.47
3	.10	.76	.92	1.78	.46	1.14	1.88	1.06	.07	.00	.23	.15	7.97
4	.00	.34	.12	.71	.27	.53	.99	.42	TRACE	.65	TRACE	.39	4.42
5	.10	TRACE	.09	.19	1.26	.23	.88	2.37	.95	.30	.00	.02	6.39
6	.57	.5	.18	.00	.26	.10	3.70	.70	.16	.73	.15	.00	6.70
7	.31	1.06	TRACE	.05	TRACE	1.19	1.12	.61	.43	.01	TRACE	.64	5.44
8	.24	.46	.33	.09	.10	.02	2.64	4.11	.11	2.34	.74	.02	11.20
9	.74	1.11	2.26	.05	.40	1.66	1.36	1.14	6.29	1.98	.20	TRACE	17.19
10	.01	TRACE	.07	.15	.30*	.46	.40	2.39	TRACE	.56	.14	.29	* 4.09
11	.72	.37	.21	.02	.04	.76	3.61	.77	.01	.77	.11	1.73	9.12
12	.41	TRACE	.29	.01	TRACE	.27	2.18	1.40	.69	.18	1.63	.63	7.69
13	.24	.56	.24	.10	.00	TRACE	1.82	TRACE	3.54	.55	.21	.30	8.28
14	.12	.53	TRACE	TRACE	.71	.05	.52	1.03	.64	.55	.76	TRACE	4.92
15	TRACE	TRACE	.99	.08	.02	TRACE	.10	.76	2.40	.40	.00	.52	5.35
16	.19	.59	.33	.01	.11	.66	.17	.49	2.12	.18	.12	.74	5.41
17	.08	.20	TRACE	1.03	.04	2.67	1.17	1.85	1.79	.01	.01	.04	9.24
18	.00	.04	.17	.03	.05	1.41	.84	.54	1.54	.09	.23	.78	5.72
19	.47	1.11	.85	.10	TRACE	.03	5.53	1.71	.53	.11	1.35	.23	12.02
20	.10	.08	.17	TRACE	.26	TRACE	1.14	.28	.43	.59	.63	.69	4.34
21	.05	.55	.47	TRACE	.71	.73	1.41	.41	1.01	.68	TRACE	.06	6.06
22	.17	.04	.00	.42	TRACE	.01	2.34	1.59	.96	1.07	.14	.50	7.24
23	.44	TRACE	TRACE	.00	.04	1.62	.71	2.59	1.60	1.25	.33	.42	9.00
24	1.23	1.69	.60	.00	.29	.71	2.12	.73	.01	.07	.08	TRACE	7.53
25	.77	TRACE	.36	.12	.05	.36	2.21	.63	6.68	1.90	.50	.87	13.95
26	.77	.59	.19	TRACE	.03	TRACE	1.11	.45	2.18	.25	TRACE	.71	6.21
27	.26	.52	TRACE	.39	.74	.50	3.17	.23	1.70	1.20	1.20	.32	10.14
28	.57	TRACE	.17	.09	.06	.04	1.09	1.36	.16	1.65	.05	.26	5.50
29	.44	.47	.37	.00	.57	1.46	.04	2.18	4.14	2.28	.45	.47	12.57
30	.77	.66	TRACE	.26	.24	.03	.98	2.16	.41	TRACE	.04	.25	5.84
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88 5 (OLA)
 JUL 84

USA- ETAC FORM 0 88.5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

2744 100GS AAF TX (EL PASO)

50-80

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0104	0514	1524	2534	3544	4564	65104	10515	155254	255504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	46	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	7.8	9.1	1.7	4.0	2.2	2.9	.8	.2						11.8	961	.37	1.23	.00
FEB	7.9	9.1	.2	3.2	.6	2.7	2.1	.2						9.9	676	.44	1.69	TRACE
MAR	7.9	9.5	1.5	1.8	1.6	1.6	1.0	.2						7.6	961	.31	2.26	.00
APR	7.8	7.1	1.3	1.4	.9	.5	.6	.3						5.1	930	.18	1.06	.00
MAY	4.6	9.2	.5	2.4	1.2	.9	.5	.2	.1					6.2	961	.23	1.26	.00
JUN	75.2	15.1	1.4	3.2	.9	1.9	1.2	.9	.1					9.7	929	.55	2.67	TRACE
JUL	2.4	22.3	2.8	7.0	4.0	5.4	3.4	1.8	.9					25.3	961	1.66	5.53	.04
AUG	54.0	22.0	3.6	7.0	4.0	4.2	2.6	1.4	.4					23.1	961	1.18	4.11	TRACE
SEP	71.0	13.5	2.7	3.7	2.7	2.0	2.2	1.6	1.3					16.1	900	1.40	6.68	TRACE
OCT	11.4	6.2	1.2	3.5	1.5	2.4	2.8	.9	.1					12.4	930	.72	2.34	.00
NOV	15.7	6.0	.3	2.3	1.1	2.2	1.1	.2						8.3	900	.31	1.63	.00
DEC	10.1	8.0	1.6	3.4	2.0	2.3	1.2	.2						11.3	930	.39	1.73	.00
ANNUAL	76.0	11.5	1.7	3.6	2.0	2.4	1.6	.7	.2					12.2	11200	7.74		

SEAL CLIMATOLOGY BRANCH
 PACIFIC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

2 44 1065 AAF IX (EL PASO)
 STATION STATION NAME

50-40

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
5	.24	.21	TRACE	TRACE	.10	.05	.91	.38	.65	.65	.00	.03	.91
6	.20	.39	.25	.27	TRACE	TRACE	.24	.20	.04	.32	.12	.44	.54
7	.17	.45	.82	.56	.29	.65	.44	.49	.05	.00	.14	.10	.42
8	.13	.32	.27	.34	.18	.25	.35	.27	TRACE	.59	TRACE	.14	.59
9	.09	TRACE	.05	.39	1.02	.12	.35	1.66	.71	.19	.00	.02	1.66
0	.34	.05	.10	.00	.26	.16	1.68	.32	.06	.34	.15	.00	1.68
1	.17	.81	TRACE	.03	TRACE	.81	.25	.34	.43	.01	TRACE	.24	.81
2	.11	.24	.15	.29	.08	.01	1.10	2.00	.10	1.24	.30	.02	2.00
3	.27	.55	.65	.44	.21	1.13	.88	.61	1.96	.75	.09	TRACE	1.96
4	.21	TRACE	.07	.12	.30	.41	.22	.70	TRACE	.34	.17	.10	.70
5	.14	.22	.17	.02	.04	.52	1.75	.49	.01	.61	.59	.74	1.75
6	.13	TRACE	.25	.01	TRACE	.15	1.66	.46	.41	.17	.49	.56	1.66
7	.47	.50	.13	.13	.00	TRACE	.35	TRACE	1.62	.45	.09	.20	1.62
8	.20	.33	TRACE	TRACE	.71	.13	.15	.31	.33	.27	.52	TRACE	.71
9	TRACE	TRACE	.45	.06	.02	TRACE	.09	.45	1.77	.27	.00	.39	1.77
0	.18	.41	.32	.01	.11	.47	.06	.27	1.21	.15	.12	.26	1.21
1	.17	.17	TRACE	.98	.04	1.17	.62	.75	.21	.07	.01	.04	1.17
2	.30	.02	.10	.03	.05	.63	.49	.18	.96	.07	.13	.26	.96
3	.27	.39	.47	.09	TRACE	.03	1.65	.67	.46	.10	.64	.15	1.65
4	.27	.34	.12	TRACE	.27	TRACE	.56	.11	.22	.25	.32	.42	.56
5	.17	.20	.26	TRACE	.58	.59	.40	.30	.48	.51	TRACE	.06	.59
6	.17	.03	.00	.34	TRACE	.01	1.65	.67	.75	.54	.13	.15	1.65
7	.12	TRACE	TRACE	.70	.03	.46	.33	1.55	.80	.43	.10	.25	1.55
8	.51	.44	.35	.00	.19	.50	1.53	.33	.01	.05	.06	TRACE	1.53
9	.10	TRACE	.36	.12	.05	.36	.50	.47	2.26	.50	.31	.46	2.26
0	.21	.38	.12	TRACE	.07	TRACE	.72	.20	1.69	.23	TRACE	.49	1.69
1	.12	.28	TRACE	.27	.41	.18	1.51	.10	.57	.45	.41	.17	1.51
2	.31	TRACE	.17	.17	.04	.02	.22	.80	.15	.66	.04	.24	.80
3	.27	.27	.17	.00	.33	.85	.04	.72	1.37	.97	.18	.17	1.37
4	.30	.49	TRACE	.28	.11	.02	.41	.76	.26	TRACE	.04	.11	.76
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
 JUL 64

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- *1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- *2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	"00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from records with no data.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47,	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XX WEATHER CONDITIONS XX
XXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

23044 BIGGS AAF TX (EL PASO) 50-80 ALL
STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	DAILY	.6	16.5	.4	8.3	.3	21.2	6.3	3.1	.1	.9	9.2	961
FEB		.8	16.4	.3	5.6	.1	19.1	3.5	2.2	.2	1.8	7.4	876
MAR		1.2	15.4		3.7	.7	17.1	1.6	.7		1.8	3.9	961
APR		2.5	11.8		1.4	.5	12.2	.4	.8		2.6	3.8	930
MAY		7.8	15.4			.6	15.4	.3	.2		2.4	2.9	961
JUN		14.3	24.8			.3	24.8	.5	.6		3.2	4.3	930
JUL		31.5	47.6			.5	47.6	1.0	.2		2.0	3.2	961
AUG		30.8	45.1			.3	45.1	.7	.2		1.1	2.1	961
SEP		12.0	30.0			.4	30.0	2.2	.6			2.4	900
OCT		4.9	18.6		.2	.9	18.6	2.5	1.0		.3	3.8	930
NOV		.9	13.0		2.9	.1	14.3	2.8	2.0	.2	.4	4.7	900
DEC		.5	17.1	.9	7.0		19.9	5.2	3.4	.1	.6	8.3	930
TOTALS		9.0	22.6	.1	2.4	.4	23.8	2.2	1.2	.0	1.4	4.7	11201

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23046
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

72-80
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	3.7		2.3	.0	5.9	1.2	1.5		.4	3.1	5949
FEB		.0	2.8		.9		3.6	1.1	1.0		.4	2.5	5423
MAR		.0	1.1		.2		1.3	.1	.7		1.7	2.5	5951
APP		.1	.7		.4	.0	1.0	.1	.8		1.7	2.6	5757
MAY		.7	1.5				1.5	.0	.6		.3	1.0	5950
JUN		.7	1.3				1.3		.9		.4	1.2	5752
JUL		2.1	3.9				3.9	.0	.7		.1	.8	5952
AUG		1.9	3.7				3.7	.0	.5		.2	.7	5944
SEP		.9	6.0				6.0	1.1	.7		.0	1.7	5759
OCT		.5	4.2		.2		4.2	1.2	1.4		.2	2.8	5940
NOV		.1	1.7		.9		2.5	1.3	2.4		.3	3.6	5760
DEC			2.5		1.3	.0	3.8	2.1	2.8		.6	5.2	5951
TOTALS		.6	2.8		.5	.0	3.2	.7	1.2		.5	2.3	10088

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
DEC	00-02		2.6		1.1		3.6	1.6	.9			2.6	744
	03-05		2.0		1.2		3.2	3.8	4.0		.1	6.9	744
	06-08		3.8		1.6		5.4	3.6	1.1		.1	4.3	744
	09-11		3.2		1.2	.1	4.4	3.1	4.7		.8	8.1	744
	12-14		2.7		1.5		4.2	1.9	1.2		.7	3.4	744
	15-17		1.5		1.5		3.0	1.1	4.4		1.9	7.4	744
	18-20		2.2		1.2		3.2	.9	1.3		.5	2.8	743
	21-23		2.3		.9		3.2	.9	4.7		.4	6.0	744
TOTALS			2.5		1.3	.0	3.8	2.1	2.8		.6	5.2	5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		1.7		1.0		2.6	1.3	.6			1.7	720
	03-05		.3		1.0		1.3	1.5	3.2			4.3	720
	06-08	.3	1.3		1.3		2.4	1.4	.8		.1	1.9	720
	09-11	.1	2.2		.8		2.6	1.7	3.1		.6	5.3	720
	12-14		1.4		.7		2.1	1.0	1.3			1.8	720
	15-17		1.9		.8		2.6	.3	4.7		1.3	6.3	720
	18-20		2.5		.7		3.2	1.1	1.3			2.2	720
	21-23		1.9		.8		2.8	1.8	4.2			5.4	720
TOTALS		.1	1.7		.9		2.5	1.3	2.4		.3	3.6	5760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (EST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
OCT	00-02	.3	4.4		.3		4.4	1.6	.4			2.0	742
	03-05	.3	5.1		.4		5.1	1.5	2.4		.1	3.8	743
	06-08	.5	4.0		.3		4.0	1.5	.3			1.8	742
	09-11	.4	2.8		.3		2.8	.8	4.7		.1	5.7	741
	12-14	.1	2.3				2.3	.7			.1	.8	741
	15-17	.5	3.9				3.9	.1	1.1		.8	2.0	744
	18-20	.7	4.4				4.4	1.3			.3	1.6	743
	21-23	.9	6.9				6.9	2.2	2.4			4.6	744
TOTALS		.5	4.2		.2		4.2	1.2	1.4		.2	2.8	5940

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	.8	7.9				7.9	1.1	.1			1.3	720
	03-05	.4	6.7				6.7	1.8	1.8			3.6	720
	06-08	.8	6.0				6.0	1.4	.1			1.5	720
	09-11	.3	5.6				5.6	1.3	1.8			3.1	720
	12-14	.3	4.6				4.6	.8				.8	720
	15-17	1.4	5.1				5.1	1.1	.1			1.3	720
	18-20	1.1	5.3				5.3	.4				.4	719
	21-23	1.7	6.5				6.5	.6	1.3		.1	1.9	720
TOTALS		.9	6.0				6.0	1.1	.7		.0	1.7	5759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.7		.4								1.3	7.3
NNE	.4	1.1	.7	.7								2.8	7.6
NE	.3	.8	.8	.1								2.0	6.9
ENE	.1	.5	.8	.3								1.7	7.2
E		.4	.5	.4								1.3	8.1
ESE	.1	.5	.8	.3								1.7	7.8
SE	.7	1.5	1.3		.1							3.6	6.5
SSE		.8	1.9	.7		.1						3.5	8.9
S	.8	1.6	3.2	.9		.1						6.7	7.7
SSW	.3	2.3	2.6	1.1	.8	.1						7.1	9.5
SW	.5	2.7	4.6	3.8	1.3	.9	.4					14.2	11.5
WSW	.1	1.6	5.1	6.5	1.7	.7	.1					15.9	12.3
W	.5	1.1	4.0	8.2	4.4	3.5	.7	.1				22.6	15.4
WNW	.1	1.2	1.9	3.0	1.9	.7	.1	.1				9.0	13.5
NW	.3	.7	.8	.3	.5		.1					2.7	11.3
NNW	.1	.4	.4	.3								1.2	7.6
VARBL													
CALM												2.4	
	4.7	17.9	29.4	26.7	10.9	6.2	1.5	.3				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 BIGGS AAF TX (EL PASO)

73-80

MAR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.9	2.0	1.6	.1							6.5	8.0
NNE	.8	1.2	2.2	.8								5.0	7.5
NE	.3	1.2	1.5	.5								3.5	7.0
ENE	.3	.1	.7	.5								1.6	8.6
E	.1	1.2	1.1	.7								3.1	7.9
ESE	.8	.9	.4	.4								2.6	5.6
SE	.8	2.0	2.0	.1								5.0	6.0
SSE	.8	2.0	1.3	.1								4.3	5.8
S	1.1	6.1	4.6	.8	.1	.1	.1					12.9	7.1
SSW	.5	1.9	4.4	1.1	.4	.1						8.5	8.5
SW	.1	1.7	2.3	2.0	.8	.3						7.3	10.6
WSW	.3	.4	2.2	4.0	1.3	1.2	.3					9.7	14.1
W	.3	1.3	3.9	5.1	3.0	1.5	.4	.1				15.6	13.9
WNW	.1	.7	1.5	2.2	.9	.4	.1					5.9	12.9
NW		.4	.8	.8	.3							2.3	10.9
NNW		.4	1.1	.1								1.6	7.9
VARBL													
CALM												4.7	
	7.1	23.6	31.9	21.0	7.0	3.6	.9	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 BIGGS AAF TX (EL PASO)

73-80

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

1500-1700

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8	.8	.1	.3							2.7	7.2
NNE	.3	.9	.5	.4								2.2	7.1
NE	.4	.5										.9	4.0
ENE	.1	.5	.1	.4								1.2	7.9
E	.3	.4	.3	.5	.1							1.6	9.0
ESE	.4	.1	1.2	.8								2.6	9.1
SE	.4	1.1	.4	.1								2.0	5.6
SSE	.1	.7	.5	.5		.4						2.3	10.8
S	.3	1.6	.8	.5	.1							3.4	7.6
SSW	.3	.7	1.6	.8	.5	.4	.3					4.6	12.3
SW	.5	2.0	5.6	4.8	1.3	.5	.1	.1				15.2	11.2
WSW	.8	1.9	6.6	5.4	1.1	1.3	.5					17.6	12.1
W	.9	1.5	5.8	9.1	5.1	3.1	.5	.1				26.2	14.3
WNW		.7	3.4	3.5	2.0	.9	.8					11.3	14.6
NW		.5	1.5	.4	.4	.4		.3				3.5	13.5
NNW		.4	.5	.5								1.5	9.5
VARBL													
CALM												1.3	
	5.5	14.4	29.7	28.1	11.0	7.1	2.3	.5				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 RIGGS AAF TX (EL PASO)

73-80

MAR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.4	3.6	3.5	1.5	.1							0.6	6.9
NNE	1.9	3.6	3.2	.4								9.1	6.0
NE	1.9	3.2	.3	.3								5.6	4.5
ENE	.3	1.1	.1									1.5	4.6
E	1.1	2.0	.5	.1	.1							3.9	5.4
ESE	.7	1.2	.7	.1								2.7	5.6
SE	.9	2.3	.9									4.2	5.1
SSE	.5	1.6	1.6	.1								3.9	6.2
S	.8	5.2	3.2	.9								10.2	6.6
SSW	.9	2.3	1.9	.7	.1							5.9	7.0
SW	.8	1.3	2.0	1.3	.3							5.8	8.3
WSW	.2	.7	1.3	1.6	.9	.3						5.1	12.0
W	.3	.7	2.3	3.6	.7	.9						8.5	12.8
WNW	.4	.7	.7	1.1	1.2	.8						4.6	14.0
NW	.1	.7	.9	.4		.1						2.3	9.3
NNW	.5	.1	.7	.4								1.7	7.2
VARBL													
CALM												14.1	
	13.3	30.4	23.9	12.6	3.5	2.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 14

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27044 STATION BIGGS AAF TX (EL PASO)

73-80 YEARS

MAP MONTH

ALL WEATHER
CLAS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	4.3	3.4	1.2								10.5	6.6
NNE	1.7	4.2	1.7	.1								7.8	5.4
NE	1.3	3.0	.7									5.0	4.8
ENE	.4	2.2	.4									3.0	5.1
E	1.3	1.6	.7	.3								3.9	5.2
ESE	.9	1.7	.1	.3								3.1	4.8
SE	.5	3.2	.7									4.4	5.3
SSE	.1	1.9	1.7									3.8	6.2
S	.8	3.0	3.0	.8								7.5	6.8
SSW	.3	1.2	2.6	.3								4.7	7.1
SW	.7	1.2	2.6	1.5	.3							5.5	9.4
WSW		.9	1.5	1.9	1.2	.1	.5					6.2	13.5
W	.4	.9	2.2	2.6	1.7	.9	.1					8.9	13.5
WNW	.5	.7	2.6	2.2	1.1	.5		.1				7.7	12.1
NW	.3	.4	.8	.4		.1						2.0	8.8
NNW	.5	.4	1.2	.1								2.3	6.6
VARBL													
CALM												14.0	
	11.2	30.4	25.7	11.6	4.3	1.7	.7	.1				100.2	7.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

73-8J
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.1	3.4	1.1								2.0	6.9
NNE	.9	1.9	2.2	.4								5.4	6.4
NE	.8	2.6	1.2									4.6	5.1
ENE	.5	1.0	.5	.1								3.1	5.6
E	.9	1.5	.7	.3								3.4	5.5
ESE	1.3	2.0	.4									3.8	4.2
SE	1.1	2.6	.7									4.3	4.8
SSE	.7	3.1	2.0									5.8	5.8
S	.7	3.1	2.4	.3								6.5	6.1
SSW	.5	1.3	1.2	.7		.1						3.9	7.6
SW	.4	1.5	2.3	2.3	.8	.4	.1					7.8	10.9
WSW	.5	.7	1.5	2.6	1.5	1.2	.1					7.9	14.4
W	.3	.4	2.4	4.6	1.2	.5						9.4	12.8
WNW	.7	.3	2.2	3.2	1.1	.5						7.9	12.5
NW	.5	1.1	1.6	.5	.4	.3	.1					4.6	10.2
NNW	.7	.7	.7	.1	.1							2.3	6.4
VARBL													
CALM												10.5	
	12.1	27.6	25.1	16.1	5.1	3.1	.4					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2344 BIGGS AAF TX (FL PASO)

73-80

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.4	3.3	.8	.0							8.9	6.6
NNE	1.4	4.7	3.0	.6								9.6	6.0
NE	1.6	3.4	1.0	.2								6.2	5.1
ENE	.8	2.0	.6	.2	.1							3.8	5.9
E	.8	1.5	.9	.5	.0							3.7	6.6
ESE	.8	1.7	.8	.2								3.3	5.5
SE	.7	1.8	.7	.2								3.5	5.6
SSE	.5	1.4	1.1	.1								3.1	5.9
S	1.1	3.3	2.3	.2								6.9	5.9
SSW	.8	2.4	2.2	.5	.0							5.9	6.6
SW	.6	1.8	2.7	1.8	.3	.1						7.2	8.7
WSW	.7	1.2	2.5	2.3	.5	.2	.1	.0				7.4	10.4
W	.3	1.1	2.3	3.4	1.3	.5	.1	.0	.0			9.1	12.4
WNW	.4	.6	1.6	2.3	1.2	.6	.1					6.8	12.7
NW	.3	.8	.9	.5	.3	.1	.0					2.9	9.4
NNW	.4	.7	.6	.2		.0						1.9	6.6
VARBL													
CALM												9.8	
	12.6	32.0	26.2	13.9	3.7	1.5	.2	.1	.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

5421

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044
STATION

SIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

FEB
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	4.3	3.4	.4								9.6	6.2
NNE	1.5	5.3	2.4	.3								9.4	5.6
NE	1.5	4.7	1.0	.1								6.6	5.0
ENE	.9	2.4	1.0	.3								4.6	5.5
E	.6	2.2	.4									3.2	5.0
ESE	.6	2.4	.9									3.8	5.5
SE	.3	2.2	1.2	.1								3.8	6.0
SSE	.7	2.2	.4									3.4	5.0
S	1.2	4.7	1.6									7.5	5.4
SSW	.6	2.1	2.7	.3								5.6	6.5
SW	.4	1.5	1.9	1.8	.3							5.9	8.9
WSW	.3	.6	1.6	1.9	.3	.4						5.2	11.5
W	.4	.1	.9	2.4	.9	.1						4.9	12.8
WNW	.6	.6	1.2	3.7	2.4	.9						9.3	13.8
NW	.9	.7	1.0	.7	.7							4.1	9.3
NNW		.4	.6	.3								1.3	7.9
VARBL													
CALM												11.7	
	11.9	35.7	22.3	12.4	4.6	1.5						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044
STATION

PIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.8	2.4	.3								8.1	5.8
NNE	.6	3.5	1.6	.4								6.2	6.1
NE	1.6	2.5	.4	.3								4.9	4.9
ENE	.4	2.1	.3	.1								3.0	5.5
E	.4	1.9	1.8	.9								5.0	7.8
ESE	.9	1.8	1.5	.1								4.3	5.9
SE	.7	1.2	.7	.3								3.0	5.8
SSE		.6										.6	5.0
S	.6	2.2	1.8	.1								4.7	6.0
SSW	.6	3.1	1.3	.1								5.2	5.7
SW	.4	3.8	3.0	.9	.3							8.4	7.4
WSW	.6	3.4	3.0	2.4	.4	.3						10.0	8.9
W	.6	2.4	3.0	4.0	2.2	.6	.1					12.9	11.9
WNW	.1	1.5	1.9	2.5	1.2	1.2						8.4	13.0
NW	.3	1.8	1.8	.6	.1	.1						4.7	8.4
NNW	.4	1.0	.9									2.4	5.7
VARBL													
CALM												8.3	
	10.0	36.6	25.3	13.1	4.3	2.2	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 STATION BIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS FEB MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	1.5	1.0	.1							5.2	7.5
NNE	.9	2.2	1.8	.4								5.3	6.3
NE	.9	2.4	.7	.4								4.4	6.0
ENE	.1	1.5	.7	.6	.3							3.2	6.5
E	.3	.4	1.0	1.2								2.9	9.3
ESE	.3	1.0	1.3	.3								2.9	7.0
SE	.4	1.0	.3	.6								2.4	6.9
SSE	.4	.6	.7	.1								1.9	6.2
S	1.2	1.6	1.0	.4								4.3	5.8
SSW	.6	1.9	1.9	.7								5.2	7.5
SW	.7	3.2	4.4	2.5	.3	.1						11.4	8.4
WSW	.6	1.9	6.2	4.4	.3	.1		.1				13.7	10.1
W	.6	2.9	4.9	6.2	2.5	.9		.1	.1			18.3	12.2
WNW	.6	1.3	2.8	3.1	1.5	.3	.1					9.7	11.7
NW	.7	.7	1.6	.1	.3	.1						3.2	8.9
NNW	.1	.9	.6	.3		.1						2.1	8.7
VARBL													
CALM												3.8	
	8.4	26.0	31.6	22.6	5.3	1.8	.1	.3	.1			100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23944 BIGGS AAF TX (EL PASO)

73-80

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.4	3.0	.9								6.5	7.5
NNE	.4	1.3	2.2	.3								4.3	6.9
NE	.9	1.9	.9									3.7	5.3
ENE	.1	1.6	.4	.3	.3							2.8	7.7
E	.7	1.2	1.3	1.0								4.3	8.0
ESE	.6	.7	1.0	.6								3.0	7.1
SE	.1	1.3	1.0	.3								2.8	7.3
SSE	.4	1.2	1.0									2.7	5.6
S	1.2	3.1	3.0									7.2	6.2
SSW	.7	3.5	3.8	.6	.1							8.9	6.7
SW	.9	1.9	4.4	3.0	.7	.3						11.2	9.9
WSW	1.2	1.6	4.9	4.4	.7	.3	.4	.1				13.7	11.1
W		1.6	4.6	5.9	1.3	.1	.1					13.7	11.7
WNW	.3	.4	2.2	1.6	1.0	.6						6.2	12.4
NW	.3	.3	.9	.7	.1							2.4	9.3
NNW	.6	.9	1.2	.4								3.1	7.2
VARBL													
CALM												3.5	
	8.9	25.1	35.9	20.1	4.4	1.3	.6	.1				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044 STATION BIGGS AAF TX (EL PASO) 73-80 YEARS FEB MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) D.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.7	4.9	1.5								12.4	7.1
NNE	1.3	4.1	4.9	1.2								11.5	6.9
NE	1.3	2.2	1.5	.4								5.5	6.1
ENE	.3	.6	.1	.3	.4							1.8	9.8
E	1.0	.7	1.2	.4								3.4	6.2
ESE	.6	1.5	.6									2.7	5.1
SE	1.2	1.8	.6									3.5	4.5
SSE	.9	.9	2.2									4.0	6.6
S	1.2	5.5	3.4									10.0	5.9
SSW	1.9	2.9	2.9	.9								8.7	6.3
SW	1.2	1.0	3.1	2.2		.1						7.7	8.5
WSW	.7	1.0	1.2	1.6	.9	.1						5.6	10.4
W	.4	.7	1.3	3.2	.4	1.0	.4					7.7	13.7
WNW	.3	.4	1.2	2.4	.6		.1					5.0	11.6
NW	.1	.4	.7	.9	.3							2.5	10.2
NNW	.4	.3	.4	.3								1.5	6.5
VARBL													
CALM												6.6	
	14.3	28.9	30.2	15.3	2.7	1.3	.6					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

FEB
MONTH

ALL WEATHERED
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.4	5.2	.7								11.5	6.4
NNE	1.9	9.4	4.6	.2								16.8	5.9
NE	1.8	5.5	.7	.1								8.1	4.8
ENE	1.0	2.2	.9		.1							4.9	5.2
E	1.5	1.3	.3	.1								3.4	4.4
ESE	1.5	.9										2.4	3.7
SE	1.2	1.6	.7	.1								3.7	5.2
SSE	.7	2.2	1.5	.3								4.7	6.1
S	.9	2.9	2.7	.3								6.8	6.2
SSW	.6	1.6	1.6	.7								4.6	7.1
SW	.3	.7	1.5	.4	.3							3.2	8.4
WSW	.7	.3	.7	.6	.6	.3	.1					3.4	11.8
W		.1	1.6	1.5	.9	.4						4.6	13.1
WNW	.4	.4	.7	1.8	.4	.3						4.1	11.6
NW	.3	.4	.4	.1	.1	.1						1.6	9.5
NNW	.3	.7	.1	.3								1.5	6.8
VARBL													
CALM												14.7	
	15.5	34.5	23.3	8.1	2.5	1.2	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 STATION BIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS FEB MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.7	2.8	1.2								9.9	6.5
NNE	2.5	6.6	3.8	.6								13.6	5.7
NE	2.2	4.0	1.6	.1								8.0	5.0
ENE	1.6	2.5	.7	.1								5.0	4.9
E	.4	2.7	.4	.1								3.7	5.0
ESE	.7	2.7	.3	.1								3.8	4.9
SE	.9	3.1	.7									4.7	4.8
SSE	.4	1.5	.9									2.8	5.8
S	1.2	3.0	2.1	.1								6.4	5.7
SSW	.9	1.6	1.8	.3	.1							4.7	6.9
SW	.9	.9	2.1	1.5	.1							5.5	8.4
WSW	.6	.3	1.5	.9	.4	.1						3.8	10.5
W	.4	.9	1.2	1.3	1.2	.4						5.5	12.1
WNW	.4	.1	1.6	1.2	.7	.1						4.3	12.1
NW	.1	.1	.3	.6	.4							1.6	12.4
NNW	.6	.7	.4									1.8	4.9
VARBL													
CALM												14.9	
	16.2	34.4	22.3	8.3	3.1	.7						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044 STATION RIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS
FEB MONTH
ALL WEATHER CLASS
0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.1	3.1	.7								8.1	6.6
NNE	1.6	5.0	2.5	.4								9.7	5.5
NE	2.7	4.6	1.2									8.4	4.7
ENE	1.9	2.9	.6									5.5	4.3
E	1.3	1.6	.4	.1	.3							3.8	5.8
ESE	.9	2.4	.4	.1								3.8	5.0
SE	1.0	2.4	.4	.1								4.0	5.0
SSE	.4	2.4	1.6	.1								4.6	5.9
S	1.8	3.5	2.7	.4								8.4	5.7
SSW	.7	2.1	1.6	.1								4.1	6.0
SW	.3	1.0	1.3	1.9								4.6	9.8
WSW	.7	.6	.7	1.8	.1							4.0	9.8
W	.1	.3	.6	2.5	.9	.6						5.0	14.1
WNW	.7	.3	.9	2.2	1.6	1.0	.1					6.9	14.7
NW	.1	1.5	.4	.4	.1	.1	.1					2.9	9.5
NNW	.3	.9	.3									1.5	4.7
VARBL													
CALM												14.6	
	15.6	34.5	18.9	11.2	3.1	1.8	.3					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 BIGGS AAF TX (EL PASO)

73-80

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.2	3.2	.8	.1							10.0	6.4
NNE	1.6	4.6	2.7	.5								9.4	5.9
NE	1.3	3.1	.9	.3	.2							5.8	5.8
ENE	1.0	1.9	.4	.3	.2	.1						3.9	6.2
E	1.0	2.0	.9	.3	.1							4.2	5.8
ESE	1.0	1.9	.6	.1	.0							3.6	5.1
SE	.8	1.6	1.1	.0								3.5	5.4
SSE	.7	1.7	1.1	.1								3.7	5.8
S	1.1	3.7	2.9	.5	.0	.0						8.2	6.3
SSW	.7	2.5	2.0	.4	.0							5.6	6.4
SW	.9	1.9	2.3	1.1	.1	.1						6.4	7.8
WSW	.4	1.1	2.0	2.0	.6	.2	.0	.0				6.4	10.7
W	.3	.9	2.3	2.5	1.2	1.0	.2					8.4	13.2
WNW	.3	.6	1.4	1.4	1.0	.3	.1	.0				5.2	12.7
NW	.3	.8	.7	.4	.1	.0						2.3	8.0
NNW	.4	.8	.5	.3	.0							2.0	5.4
VARBL													
CALM												11.5	
	13.6	33.5	24.8	11.0	3.5	1.7	.3	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

5949

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 STATION HIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS
ALL WEATHER CLASS
CONDITION
JAN MONTH
2100-2300 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.7	2.2	.8								9.5	5.9
NNE	2.3	4.7	1.9	.1								9.0	5.0
NE	1.5	3.5	.7		.3							5.9	5.2
ENE	1.2	3.2	.7	.3	.1	.1						5.6	6.2
E	.5	2.6	.7	.1								4.3	5.5
ESE	1.2	2.0										3.2	4.1
SE	1.2	2.0	.7	.1								4.0	5.2
SSE	1.1	2.6	1.9									5.5	5.6
S	.4	3.4	2.4	.3								6.5	6.4
SSW	.9	2.6	2.2	.3	.1							6.0	6.3
SW	.7	2.0	1.3	1.1								5.1	7.4
WSW	.7	.5	1.5	.9	.7	.3						4.6	10.7
W	.3	.8	1.6	2.4	1.1	.5	.5					7.3	14.0
WNW	.4	.5	1.6	1.1	1.3	.5	.1					5.6	13.4
NW	.1	.8	.8	.1	.1							2.0	7.7
NNW	.7	.8	.3	.7	.1							2.6	7.0
VARBL													
CALM												13.2	
	15.5	36.7	20.3	8.3	3.9	1.5	.7					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 STATION 11365 AAF TX (EL PASO) 73-80 YEARS JAN MONTH
ALL WEATHER CLASS 1800-2600 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.4	2.3	1.1								9.9	5.9
NNE	.5	3.9	1.9	.3								6.6	5.9
NE	.3	7.4	1.3	.1	.4							6.0	6.4
ENE	.4	2.6	.5	.4	.1							4.0	6.3
E	.8	1.1	.9	.4	.1							3.4	6.9
ESE	1.5	2.8	.3									4.6	4.4
SE	.7	1.6	.7									3.0	5.0
SSE	.5	.9	1.1									2.6	6.3
S	.4	3.8	2.0	.3								6.5	6.1
SSW	.4	3.4	1.2	.1								5.1	5.7
SW	1.1	2.7	1.7	.9		.4						6.9	7.9
WSW	.7	1.6	3.0	2.3	.4	.4						8.3	9.8
W	.3	1.3	2.3	2.7	.9	1.6	.5					9.7	13.8
WNW	.4	.9	1.1	1.7	1.5	.7	.1	.1				6.6	14.3
NW	.7	.5	1.5	.4	.1							3.2	7.5
NNW	.8	.9	.5	.1								2.4	5.0
VARBL													
CALM												11.3	
	12.1	35.9	22.3	10.9	3.6	3.1	.7	.1				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044 BIGGS AAF TX (EL PASO)

73-80

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.6	1.7	.3								6.9	5.7
NNE	.9	2.8	2.0	.5								6.3	6.3
NE	1.1	1.7	.8	.1								3.8	5.3
ENE	.5	.9	.1	.3	.3	.5						2.7	10.4
E	.7	1.9	1.1									3.6	5.4
ESE	1.6	1.1	1.5	.1								4.3	5.6
SE	.1	1.1	1.5									2.7	6.5
SSE	.5	1.3	.4									2.3	4.2
S	1.3	3.0	.4	.5	.1							5.4	5.6
SSW	.7	2.8	2.6	.9								7.0	6.9
SW	1.1	3.0	5.4	1.9	.1	.1						11.6	8.0
WSW		2.0	3.8	3.5	1.3	.4	.1					11.2	11.6
W	.3	1.3	5.7	4.3	1.9	2.0	.1					15.6	12.9
WNW	.3	1.3	1.2	1.7	1.1	.3	.3					6.2	12.0
NW	.3	.7	1.1	.5								2.6	7.6
NNW	.3	.8	.3	.1								1.5	5.7
VARBL													
CALM												6.5	
	10.9	29.5	29.5	14.9	4.8	3.4	.5					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 BIGGS AAF TX (EL PASO)

73-80

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.3	2.4	.9	.1							7.1	7.1
NNE	1.5	3.1	1.7	.4								6.7	5.8
NE	1.1	2.2	.9		.3							4.4	6.2
ENE	.4	.7	.8	.3	.3							2.4	8.2
E	.7	1.5	1.2	.4	.1							3.9	6.9
ESE	.9	.7	.9	.3	.1							3.0	6.6
SE	1.3	1.5	1.3									4.2	5.3
SSE	.7	1.2	1.2									3.1	5.7
S	1.3	4.2	3.0	.5		.1						9.2	6.3
SSW	.9	2.4	3.6	1.1								8.1	7.2
SW	1.5	1.7	3.2	2.8	.3	.3						9.8	9.0
WSW	.3	1.6	3.5	3.6	1.2	.3						10.5	10.9
W	.4	1.7	3.1	4.4	2.0	.9	.1					12.8	12.6
WNW	.3	.7	1.7	2.3	.4	.1						5.5	10.9
NW	.3	1.1	.4	.3	.4							1.4	8.3
NNW	.3	.8	.5	.3								1.9	6.3
VARBL													
CALM												5.0	
	13.2	27.3	29.7	17.6	5.2	1.7	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044 BIGGS AAF TX (EL PASO)

73-80

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	4.4	5.8	1.2								12.9	7.1
NNE	1.3	4.3	4.3	.9								10.9	6.8
NE	1.1	1.9	.7	.7								4.3	6.3
ENE	1.5	.9	.1	.4	.1							3.1	5.8
E	1.5	1.7	.8	.5	.1							5.0	6.5
ESE	.9	1.3	.7									3.0	4.7
SE	.9	1.1	1.2	.1								3.4	5.8
SSE	.7	1.6	1.3	.3								3.9	6.3
S	2.2	4.3	6.3	.4								13.2	6.5
SSW	1.2	3.0	2.7	.1								7.0	6.1
SW	.9	1.9	1.7	1.2								5.8	7.4
WSW	.8	.9	1.7	1.7	.5							5.8	9.9
W	.3	.4	1.3	2.4	.2	.2	.1					6.3	14.1
WNW	.3	.5	.9	.9	.3		.3					3.2	11.4
NW		.5	.7	.4								1.6	8.3
NNW	.1	.1	.8	.3								1.3	8.3
VARBL													
CALM												9.4	
	15.2	29.0	31.2	12.0	2.0	.8	.4					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23644
STATION

RIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	5.4	5.0	.8								13.6	6.4
NNE	2.0	7.4	2.4	.7								12.5	5.9
NE	1.3	4.4	.5									6.3	4.8
ENE	1.5	1.6	.7	.3	.1							4.2	5.7
E	1.5	3.1	.3									4.8	4.4
ESE	.7	1.6	.3									2.6	4.8
SE	1.1	1.6	1.3									4.0	5.2
SSE	1.1	2.0	1.5	.5								5.1	6.4
S	1.1	3.6	3.4	.3								8.3	6.3
SSW	.7	1.7	.7	.1								3.2	5.5
SW	.8	.9	1.2	.4								3.4	6.6
WSW	.1	1.2	.8	.7	.4	.1		.1				3.5	10.8
W	.4	.1	.8	1.6	.9	.3						4.2	13.3
WNW	.1	.3	1.7	.8	.7							3.6	11.0
NW	.1	.7	.3	.3	.3							1.6	9.1
NNW	.5	1.5	.8	.1								3.0	5.6
VARBL													
CALM												16.1	
	15.5	37.2	21.6	6.6	2.4	.4		.1				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JAN
MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	4.4	3.1	.9								9.3	6.7
NNE	2.7	6.0	4.6	.8								14.1	6.0
NE	2.4	4.4	1.2	.3	.4							8.7	5.6
ENE	1.7	2.7	.4	.3								5.1	5.0
E	.7	1.9	.7	.1								3.4	5.4
ESE	.8	2.2	.1	.4								3.5	5.2
SE	.8	2.4	.9									4.0	5.0
SSE	.4	2.3	.7									3.4	5.6
S	1.1	3.1	1.7	1.1								7.0	6.4
SSW	.4	2.0	1.7	.3								4.4	6.4
SW	.5	1.1	1.1	.4								3.1	6.7
WSW	.4	.3	1.1	1.9	.3							3.9	10.8
W	.1	.7	2.0	1.1	.8	.5	.1					5.4	12.4
WNW		.5	1.2	2.0	1.3	.3						5.4	13.2
NW	.4	1.1	.4	.4	.1	.1						2.6	8.1
NNW	.1	.8	.7	.4								2.0	7.3
VARBL													
CALM												14.6	
	13.4	35.9	21.5	10.3	3.0	.9	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	4.4	3.0	.7	.3							10.9	6.2
NNE	1.3	4.4	3.1									8.9	5.5
NE	1.2	3.6	.8	1.1								6.7	6.5
ENE	.9	2.7	.1		.1							3.9	4.8
E	1.6	2.0	1.3	.4								5.4	5.5
ESE	.5	3.5	.7									4.7	5.1
SE	.4	1.6	.9									3.0	5.4
SSE	.8	1.9	.7	.1								3.5	5.3
S	1.2	4.3	3.9	.4								9.8	6.3
SSW	.3	2.3	1.1	.3								3.9	6.3
SW	.3	1.9	2.7	.4								5.2	7.2
WSW	.3	.7	.5	1.6	.3							3.4	10.4
W	.5	1.1	1.2	.9	.8	.9	.1					5.7	12.9
WNW	.3	.3	1.6	.8	1.6	.8						5.4	14.4
NW	.4	.8	.7	.4		.1						2.4	8.1
NNW	.1	.8	.1	.3								1.3	6.8
VARBL													
CALM												15.9	
	12.8	36.3	22.5	7.4	3.1	1.9	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

743

USAF ETAC FORM 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VKBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

EDUCAL CLIMATOLOGY RA CH
 ETAC
 PATRICK SERVICE /HAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

2 44 SAAF IX (E1 A-0)

52-50

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
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92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN													
S D.													
TOTAL OBS.													

NOTE: (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 088 5 (OLA)
 JUL 64

3 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

2044 065 AAF TX (EL PASO)

52-80

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 100	101 250	251 500	501 1000	1001 2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 04	05 14	15 24	25 34	35 44	45 64	65 104	105 154	155 254	255 504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	.5	3.5	.7	.1										1.0	868			
FEB	7.0	1.4	.4	.3	.3	.4	.1							1.4	791			
MAR	9.0	.2	.2				.1							.3	868			
APR	9.0	.2													840			
MAY	10.0														868			
JUN	100.0														840			
JUL	100.0														899			
AUG	100.0														899			
SEP	100.0														840			
OCT	9.9	.1													868			
NOV	7.0	.8	.1	.5	.4	.5	.1							1.5	840			
DEC	7.1	.4	.4	.2	.1	.8								2.0	868			
ANNUAL	8.9	.	.2	.1	.1	.1	.2							.5	10289			

USAFETAC FORM 0-15.5 (OL A)
OCT 78

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. 1000 SF 2 1000/VA

XXXXXXXXXX 25% XXXXXX XX XX XX XX

MONTHLY 2404FALL

(FROM DAILY OBSERVATIONS)

244 STATION 123456789 (EL PASO) STATION NAME

2. 1. 20

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

[illegible]

NOTE 4 (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88 5 (OLA)
JUL 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044
STATION

PIGGS AAF TX (FL PASO)
STATION NAME

73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	6.2	3.6	1.5	.3							13.3	6.6
NNE	2.0	3.1	1.5	.5								7.1	5.5
NE	1.1	3.9	.5	.1								5.6	5.0
ENE	.4	2.4	.9	.3								4.0	6.0
E	1.5	3.8	1.2	.8	.1							7.4	6.1
ESE	1.2	3.5	1.5	.5								6.7	5.7
SE	1.1	4.2	3.0	.3								8.5	5.9
SSE	.5	3.0	2.8	.5								6.9	6.6
S	.7	3.1	4.2	.4								8.3	6.8
SSW	.4	2.5	1.1	.7								4.7	6.7
SW	.9	2.4	2.0	.8	.1							6.3	7.1
WSW	.3	.7	.7	.5								2.2	8.1
W	.8	.8	.7	.7	.3	.1						3.4	8.4
WNW	.3	.7	.3	.4								1.6	7.1
NW	.1	.5	.3									.9	5.3
NNW	.5	.5	.3									1.3	5.1
VARBL													
CALM												11.7	
	13.6	41.3	24.5	8.1	.8	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JULY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.3	1.9	1.0	.1	.0						6.6	6.9
NNE	.7	2.0	1.1	.3	.1	.0						4.1	6.2
NE	.8	2.0	.8	.3								4.0	5.8
ENE	.7	1.7	1.0	.3	.1	.0	.0					3.8	6.7
E	.7	2.0	2.2	1.0	.2	.1						6.3	8.0
ESE	.7	2.4	2.3	1.5	.1	.0						7.0	7.9
SE	.7	3.0	3.5	1.1	.2	.0						8.5	7.5
SSE	.6	1.9	2.5	1.0	.0	.1						6.1	7.7
S	.7	3.5	4.2	1.1	.0							9.6	7.2
SSW	.7	1.6	1.6	.5	.1	.0	.0					1.5	7.1
SW	.6	2.0	1.8	.9	.1	.0						5.4	7.4
WSW	.4	1.2	2.6	2.2	.6	.1						7.1	10.1
W	.3	1.4	3.3	3.5	.8	.2						9.6	10.8
WNW	.5	1.2	1.7	1.9	.5	.1						5.8	10.0
NW	.4	1.0	.7	.5	.1	.0						2.7	7.4
NNW	.4	.7	.4	.2	.0							1.7	6.2
VARI													
CALM												7.2	
	10.4	30.0	31.5	17.7	2.9	.6	.0					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

5751

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044 FIGGS AAF TX (EL PASO)
STATION STATION NAME

73-80
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.9	1.5	1.1	.3							7.2	7.1
NNE	.1	1.7	.7	.1								2.6	6.2
NE	.8	2.4	.3	.3								3.8	5.3
ENE	.4	1.8	1.4	.3								3.9	6.4
E	.1	3.1	4.0	2.2	.3	.1						9.9	8.8
ESE	.4	2.6	3.9	2.5	.4	.1						10.0	9.0
SE	.3	2.9	5.3	1.5	.3							10.3	8.3
SSE	.4	1.4	3.3	1.1								6.3	6.0
S	.1	1.8	1.9	1.7								5.6	8.3
SSW	.4	1.4	.7	.4								2.9	6.5
SW	.1	1.4	.4	.1								2.1	5.7
WSW		.4	1.4	1.0	.7	.1						3.6	12.2
W		1.0	2.6	4.6	1.3							9.5	11.9
WNW	.4	1.0	2.5	3.9	1.8	.3						9.9	12.4
NW	.7	1.0	1.5	1.1	.1							4.5	8.0
NNW	.6	1.3	1.3	.1	.1							3.3	7.0
VARBL													
CALM												5.0	
	6.1	28.0	32.8	22.1	5.3	.7						100.0	

TOTAL NUMBER OF OBSERVATIONS 100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044 BIGGS AAF TX (EL PASO)

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.7	.8	.1	.1						3.2	8.8
NNE	.6	.7	1.0	.6								2.8	7.4
NE	.1	1.1	.7	.1								2.1	3.5
ENE	.6	.5	.6	.6	.4							2.9	9.0
E	.8	1.1	2.2	2.4	1.0	.3						7.8	10.7
ESE	.3	1.8	4.6	4.3	.4							11.4	10.2
SE		1.7	3.2	1.4	.7	.1						7.1	9.8
SSE	.4	1.2	2.1	1.5		.3						5.6	9.3
S	.3	2.9	5.1	1.0								9.3	7.5
SSW	.1	.7	.6	.1	.3							1.8	8.5
SW	.4	1.8	1.4	.8								4.4	7.3
WSW	.3	2.4	2.5	3.2	.1							8.5	9.5
W	.4	2.5	5.4	4.2	1.8	.4						14.7	10.8
WNW	.4	3.2	3.5	3.7	.7							11.5	9.4
NW	.1	1.0	1.1	.8	.3							3.3	9.1
NNW	.1	.7	.1									1.0	5.4
VARBL													
CALM												2.6	
	5.7	24.3	34.7	25.6	5.8	1.2						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 HIGGS AAF TX (EL PASO)

73-80

JUN
MONTH

STATION

STATION NAME

YEARS

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.6	1.0	.3	.1							2.2	8.2
NNE		1.5	1.0			.1						2.6	7.1
NE	.4	1.0	.3	.4								2.1	6.5
ENE	.3	1.0	1.0	.8	.3	.3	.1					3.8	10.7
E	.3	1.1	2.5	1.0		.1						5.0	9.1
ESE	.1	1.7	2.8	2.4								7.0	9.2
SE	.4	1.9	2.1	2.2	.3							7.0	9.1
SSE	.3	1.4	2.9	1.0	.1	.1						5.8	8.9
S	.7	1.9	4.7	1.5	.3							9.2	8.4
SSW	.6	1.7	3.1	1.1		.1	.1					6.7	8.7
SW	.4	3.3	3.1	2.4	.3	.1						9.6	8.7
WSW	.3	1.4	3.9	3.8	.8	.1						10.3	10.7
W	.8	1.9	6.1	6.1	.6	.4						16.0	10.6
WNW	.1	1.5	2.2	2.5	.1							6.5	10.0
NW		1.9	.6	.6		.1						3.1	8.6
NNW		.7	.4	.4								1.5	8.5
VARBL													
CALM												1.7	
	5.0	24.5	37.6	26.4	2.9	1.7	.3					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23644 BIGGS AAF TX (EL PASO) 73-80
STATION STATION NAME YEARS
JUN
MONTH
ALL WEATHER
CLASS
1200-1400
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.1	1.0	.1								2.5	6.8
NNE	.1	.8	.7	.3	.1							2.1	7.5
NE	.3	.7	1.3	.4								2.6	7.3
ENE		1.4	.8									2.2	6.4
E	.4	1.4	2.0	1.3	.6							5.6	9.2
ESE	.6	1.5	2.4	.6								5.0	7.8
SE	.6	2.5	5.2	1.4	.1							9.8	8.1
SSE	.4	2.1	1.7	1.7	.1							6.0	8.3
S	1.0	3.5	5.3	2.0								11.7	7.9
SSW	.7	3.2	2.1	1.7	.1							7.8	7.6
SW	.6	3.5	4.0	1.3	.1							9.5	7.5
WSW	.4	2.6	5.4	2.9	.8	.1						12.4	9.7
W	.3	2.1	5.6	4.0	.7							12.7	9.9
WNW	.6	.7	1.4	1.5	.1	.1						4.5	9.8
NW	.6	1.3	.3	.4								2.5	6.2
NNW	.6	.3	.7									1.5	5.9
VARBL													
CALM												1.5	
	7.3	28.7	39.7	19.5	2.9	.3						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044 STATION JIGGS AAF TX (L. PASO) 73-80 YEARS JUN MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	1.2	1.8								5.6	7.9
NNE	.3	.9	1.5	.4								3.1	7.4
NE	.4	1.4	1.2	.4								3.5	7.0
ENE	.1	1.5	.7	.4								2.8	6.5
E	.9	1.8	2.4	.7								5.7	7.3
ESE	1.1	2.9	1.2	1.0								6.2	6.6
SE	.4	4.2	3.9	1.1								9.6	7.2
SSE	.7	3.1	3.3	1.1								8.2	7.3
S	1.1	6.4	7.4	1.0								15.8	6.7
SSW	.7	1.8	2.5	.3								5.3	6.7
SW	1.0	2.4	2.9	1.1	.1							7.5	7.2
WSW	1.0	1.7	2.9	2.5	.6							8.6	9.3
W	.6	1.2	3.5	3.2	.4							8.9	9.7
WNW	.4	.7	1.1	1.1								3.3	8.9
NW		.3	.7	.1								1.1	8.1
NNW	.3	.3		.1								.7	5.6
VARBL													
CALM												4.2	
	10.0	31.8	36.5	16.4	1.1							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 51665 AAF TX (FL PASO) 73-80 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	4.9	3.1	1.5								12.0	6.4
NNE	2.1	4.0	1.8	.7	.3							8.9	6.2
NE	2.1	4.5	1.0	.6								8.1	5.2
ENE	1.8	1.4	.3									3.5	4.0
E	1.1	2.9	.6	.4								5.0	5.4
ESE	1.3	2.5	1.0	.1								4.9	5.3
SE	1.9	3.5	2.8	.1								8.4	5.6
SSE	.8	1.9	2.5	.1								5.4	6.3
S	1.0	5.7	3.1									9.7	5.7
SSW	1.1	1.4	1.0	.1								3.6	5.5
SW	.4	1.4	1.3	1.0								4.0	7.8
WSW	.3	.1	1.7	1.5	.3							3.9	10.5
W	.1	.6	1.7	1.1	.6	.4						4.0	11.9
WNW	.1	.6	.4	.3								1.4	7.7
NW	.6	.7	.6	.1								1.9	5.8
NNW	.6	.6	.1	.3								1.5	5.9
VARBL													
CALM												13.6	
	17.8	36.6	22.3	8.1	1.1	.4						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 718

3
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.M.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.7	4.0	.8								13.1	5.8
NNE	1.4	4.0	.7	.1								6.3	5.0
NE	1.5	3.5	.7	.4								6.1	5.2
ENE	1.4	2.9	1.1	.1	.1							5.7	5.4
E	.3	1.9	1.5	.3								4.0	6.4
ESE	1.1	2.9	1.0	.3								5.2	5.5
SE	1.7	3.6	1.1									6.4	4.6
SSE	.8	1.9	1.8	1.1								5.7	6.8
S	.7	2.5	2.8	.6								6.5	6.6
SSW	1.0	1.1	1.1	.1								3.3	5.6
SW	.7	1.4	.6	.4								3.1	6.0
WSW	.7	.7	.8	1.1	.7							4.0	10.0
W	.1	.8	.8	1.5		.3						3.6	10.8
WNW	1.3	.8	1.0	.6	.4							4.0	7.6
NW	.8	1.3	.6	.1								2.8	5.1
NNW	.7	1.2	.3									1.9	4.6
VARBL													
CALM												18.1	
	17.7	35.1	19.9	7.7	1.3	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

716

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044 BIGGS AAF TX (EL PASO)
STATION STATION NAME

73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.5	2.4	1.2	.1							7.6	7.3
NNE	1.4	2.1	1.1		.1							4.7	5.5
NE	.8	1.8	1.1	.1								3.9	5.5
ENE	.8	2.4	1.9	.1								5.3	6.2
E	2.1	2.8	2.1	.1								7.1	5.5
ESE	1.0	3.2	1.8	.6								6.5	6.1
SE	.6	3.5	4.9	.7								9.6	7.0
SSE	.6	2.2	2.5	.6								5.8	6.7
S	1.0	3.6	3.2	.8								8.6	6.8
SSW	.8	1.5	1.5	.3								4.2	6.1
SW	.8	1.1	.6	.1								2.6	5.5
WSW	.4	.6	1.8	1.8	.6	.1						5.3	10.8
W	.3	1.0	1.2	3.6	1.2	.1						7.5	12.4
WNW	.8	.8	1.7	1.4	.4	.3						5.4	10.1
NW	.6	1.0	.6	.6	.1							2.8	7.4
NNW	.6	.8	.3	.3								1.9	5.8
VARBL													
CALM												11.1	
	13.9	30.8	28.6	12.4	2.6	.6						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27044 BIGGS AAF TX (EL PASO)

73-80

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.4	2.2	.8	.1	.0						6.4	7.1
NNE	.8	2.0	1.0	.4	.0							4.2	6.1
NE	.7	1.9	.9	.2	.0	.0						3.5	6.1
ENE	.7	1.3	.7	.4	.1	.0						3.2	6.9
E	.5	1.5	1.2	1.0	.2	.0						4.4	8.2
ESE	.7	1.6	1.3	1.0	.1		.0					4.7	7.6
SE	.5	1.9	1.9	.8	.0							5.2	7.3
SSE	.3	1.5	1.9	.4	.1	.0						4.3	7.5
S	.7	2.8	3.0	.8	.1							7.3	7.2
SSW	.4	1.5	1.7	1.1	.2	.0						4.9	8.6
SW	.4	1.9	2.7	2.4	.5	.1						8.0	9.6
WSW	.4	1.1	3.0	4.3	1.3	.3	.0					10.3	11.7
W	.3	1.5	4.2	6.6	2.7	.3	.0					14.9	12.0
WNW	.2	.9	2.6	2.4	.6	.2						6.9	11.0
NW	.4	.9	1.4	.6	.2	.1						3.6	8.7
NNW	.3	1.1	.7	.2		.0						2.3	6.5
VARBL													
CALM												5.8	
	8.1	25.7	30.2	23.4	5.6	1.2	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 5948

GLOBAL CLIMATOLOGY SPANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23944
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.8	2.6	1.1								8.8	6.7
NNE	.5	1.2	1.1	.3								3.1	6.2
NE	.5	2.0	.7	.3		.1						3.6	6.5
ENE	1.2	1.2	.7	.9	.1							4.2	6.9
E	.4	2.0	1.9	1.8	.5	.1						6.7	9.3
ESE	.3	2.2	1.5	1.1								5.0	7.2
SE	.8	1.9	1.9	.4								5.0	6.9
SSE	.3	1.9	2.3	.1								4.6	6.9
S	.7	1.9	1.9	1.1								5.5	7.2
SSW	.4	1.2	1.2	.5		.1						3.5	7.8
SW	.4	1.8	.8	.9		.1						4.0	7.9
WSW	.1	.9	1.2	5.0	.3	.4						8.0	12.2
W	.1	1.3	3.1	8.1	2.4	.3						15.4	12.8
WNW		.5	3.2	2.8	1.3	.7						8.6	13.1
NW	.4	1.3	1.6	.7	.3							4.3	8.3
NNW	.3	1.6	2.0	.3								4.2	6.7
VARBL													
CALM												5.5	
	7.8	26.8	27.6	25.3	5.0	1.9						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23244 RIGGS AAF TX (EL PASO)

73-80

MAY
MONTH

ALL WEATHER

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.3	.8	1.1	.1							5.0	7.2
NNE	.5	1.3	.4	.7								3.0	6.5
NE	.4	2.3	.4	.5	.3	.1						4.0	7.4
ENE	.4	1.2	.7	.8	.5	.1						3.8	9.8
E	.1	.8	.9	1.5	.7							4.2	10.9
ESE	.1	1.2	1.3	1.5			.1					4.3	9.4
SE	.5	.8	1.5	1.2	.1							4.2	8.6
SSE		.4	2.0	.5	.4	.1						3.5	10.5
S	.5	1.5	1.3	1.3	.1							4.8	8.2
SSW	.3	.9	.8	1.1	.4							3.5	9.3
SW	.3	2.3	2.2	1.7	.7							7.1	9.3
WSW	.7	2.6	3.9	4.8	.9	.8						13.7	10.9
W	.3	3.1	4.7	8.9	2.6	.4						19.9	12.0
WNW	.3	.9	3.8	3.0	1.2	.5						9.7	11.5
NW	.4	.5	2.7	.3	.3							4.2	8.9
NNW	.1	1.2	.5	.3								2.2	6.8
VARBL													
CALM												3.2	
	6.6	22.4	28.0	29.2	8.3	2.2	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044
STATION

SIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	.5	.9	.3	.1						2.7	10.8
NNE	.4	.8	.3									1.5	5.2
NE	.1	.3	.3	.3								.9	7.6
ENE	.1	.1	.1	.3	.3							.9	12.0
E	.1	.8	.9	1.7	.4							4.0	10.7
ESE	.3	.5	.4	1.3	.5							3.1	11.3
SE		1.3	2.0	1.6	.1							5.1	9.3
SSE	.3	.5	1.9	.9	.4	.1						4.2	9.9
S	.4	1.5	3.2	.5	.3							5.9	8.3
SSW	.1	.9	2.3	2.2	.5							6.0	10.5
SW	.3	1.9	4.2	6.2	.9							13.4	10.9
WSW	.1	1.3	5.1	6.2	2.7	.5	.1					16.1	12.4
W	.5	1.7	5.6	9.5	4.6	.5						22.6	12.6
WNW	.1	.9	2.4	2.6	.5							6.6	10.5
NW	.1	.7	1.2	.9	.1	.1						3.2	10.3
NNW	.1	.5	.9	.5								2.2	8.8
VARBL													
CALM												1.5	
	3.2	14.8	31.5	35.8	11.7	1.5	.1					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 STATION BIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS MAY MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.9	.9	.1								2.0	7.5
NNE	.3	.5	.4									1.2	5.8
NE	.1	1.2	.3	.3								1.9	6.1
ENE		.8	.5	.1	.1							1.6	8.3
E	1	.5	1.2	.9	.1							3.0	9.7
ESE	.3	.9	2.2	1.6	.1							5.1	9.3
SE	.3	1.9	3.4	1.5								7.0	8.2
SSE		1.3	1.7	.8								3.9	7.9
S	.4	3.6	4.2	1.2	.3							9.7	7.9
SSW	.1	2.0	1.5	3.1	.4							7.1	9.8
SW	.3	1.9	4.2	4.7	1.7	.4						13.2	11.4
WSW	.4	1.2	4.6	7.1	2.6	.3						16.2	12.2
W		1.5	6.1	7.5	2.2	.4						17.6	11.7
WNW	.1	.9	1.7	1.5	.5	.1						5.0	11.0
NW	.1	.5	.9	1.1	.1							2.8	9.8
NNW		.8	.4	.1								1.3	6.5
VARBL													
CALM												1.3	
	2.6	20.7	34.2	31.8	8.2	1.2						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	2.7	.4								5.0	7.3
NNE	.7	1.5	1.9	.8								4.8	6.9
NE	.4	1.5	.5	.1								2.6	5.7
ENE	.5	.7	1.1	.4								2.7	6.8
E	.7	1.5	.8	1.1	.1							3.8	8.4
ESE	.5	1.5	2.6	2.2								6.7	8.6
SE	.3	1.9	2.8	1.2								6.2	7.9
SSE	.1	1.9	1.9	.3	.1							4.3	7.1
S	.8	4.6	4.3	1.1								10.8	7.0
SSW	.9	1.3	1.7	.5	.1							4.7	7.5
SW	.1	2.7	5.0	2.4	.4	.1						10.8	9.3
WSW	.3	.5	3.1	4.8	1.3	.1						10.2	12.1
W	.3	1.5	5.1	7.5	.4							14.8	11.0
WNW	.3	1.1	2.2	2.6	.1							6.2	9.5
NW	.1	1.3	.5	.3								2.3	6.2
NNW	.1	.7	.3	.1		.1						1.3	8.4
VARBL													
CALM												3.0	
	6.3	25.4	36.4	25.8	2.7	.4						102.0	6.5

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 - HIGGS AAF TX (EL PASO)
STATION STATION NAME

73-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

3600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	4.3	3.6	1.7								10.3	7.0
NNE	1.5	4.4	1.5	.7								7.8	6.0
NE	1.9	2.8	2.0									6.7	5.5
ENE	1.1	1.2	.3	.4								3.0	5.5
E	.9	2.2	2.0	.5								5.6	6.5
ESE	1.6	2.4	.9	.3								5.2	5.3
SE	.9	3.1	2.0									6.0	5.6
SSE	.1	2.4	1.2	.3								4.0	6.5
S	1.2	3.2	4.3									8.7	6.2
SSW	.3	1.5	2.3	.9								5.0	8.2
SW	.3	1.7	2.2	.9								5.1	8.1
WSW	.3	.8	1.7	1.6	.4							4.8	10.0
W	.1	.7	4.7	2.8	.5							8.5	10.4
WNW	.1	.7	1.6	1.9	.3							4.6	10.0
NW	.5	.1	.9	.3	.3							2.2	8.9
NNW	.7	.8										1.5	3.7
VARBL													
CALM												10.9	
	12.6	32.1	30.9	12.0	1.5							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044
STATION

WIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPFED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	4.4	2.7	.8								9.9	6.1
NNE	1.5	4.4	1.6	.3								7.8	5.3
NE	.8	3.1	1.7	.3								5.9	5.9
ENE	1.2	2.0	.9	.4								4.6	5.6
E	2.0	3.0	.9	.1								6.0	4.7
ESE	1.2	2.0	.9									4.2	4.9
SE	.9	2.6	1.1									4.6	5.1
SSE	.4	1.3	1.7	.1								3.6	6.5
S	.7	2.4	2.2	.1	.1							5.5	6.5
SSW	.4	1.3	1.7									3.5	6.4
SW	1.2	1.5	1.2	1.3								5.2	7.1
WSW	.7	.7	1.9	1.1	.7	.1						5.1	10.1
W	.7	.8	2.2	3.4	.9	.4						8.7	11.3
WNW	.5	1.2	2.7	1.6	.4	.1						6.7	9.7
NW	.4	.9	2.2	.5	.3	.3						4.6	9.4
NNW	.4	1.6	.7	.1								2.6	9.6
VA=BL													
CALM												11.7	
	15.1	33.3	26.3	10.2	2.4	.9						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27044
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.4	3.5	.8								7.8	7.1
NNE	.7	1.7	.8	.7	.1							4.0	7.2
NE	1.1	2.3	1.1	.1								4.6	5.4
ENE	.8	2.8	1.1									4.7	5.3
E	.1	1.1	.8	.3								2.3	6.8
ESE	.9	2.3	.4	.3								3.9	5.0
SE	.4	2.0	.7	.1								3.2	5.8
SSE	1.2	2.4	2.2	.3								6.1	5.9
S	.9	3.4	2.7	.8								7.8	6.7
SSW	.3	2.4	2.2	.5	.1							5.5	7.3
SW	.4	1.5	2.2	1.2								5.2	7.9
WSW	.4	.8	2.2	3.4	1.2	.1						8.1	12.0
W	.5	1.3	2.2	5.0	2.6	.7	.1					12.4	12.9
WNW	.4	.5	2.8	3.0	.5	.4						7.7	11.2
NW	.9	1.3	1.5	.8	.4							5.0	7.8
NNW	.4	1.2	.9									2.6	5.5
VARBL													
CALM												7.2	
	10.6	29.6	27.1	17.2	5.0	1.2	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 RIGGS AAF TX (EL PASO)

73-80

APR
MONTH

ALL WEATHER
CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.8	2.1	.8								6.6	6.6
NNE	.9	2.8	1.1	.4	.0	.0						5.3	5.9
NE	.7	2.0	.9	.3	.1							4.0	6.3
ENE	.4	1.3	.5	.2	.1	.0						2.6	6.5
E	.7	1.5	1.3	.7	.1							4.3	7.5
ESE	.5	1.1	1.0	.5	.1							3.1	7.4
SE	.5	2.2	1.8	.5	.0							5.0	6.8
SSE	.5	1.6	1.4	.5	.1							4.0	7.0
S	.7	2.8	3.1	.5	.1							7.2	6.8
SSW	.4	2.1	2.3	1.1	.2	.2	.0					6.4	8.5
SW	.4	1.8	2.9	2.3	.6	.0						8.0	9.6
WSW	.2	1.3	1.9	3.8	1.1	.6	.1					9.0	12.5
W	.3	.0	3.2	5.4	2.1	1.0	.2	.0				13.2	13.5
WNW	.2	.9	2.0	3.2	1.5	.6	.1	.7				8.6	13.0
NW	.3	.9	1.3	1.1	.4	.3	.0					4.2	10.7
NNW	.2	.6	.8	.6	.1	.0						2.3	8.3
VARBL													
CALM												6.3	
	7.7	26.8	27.6	21.9	6.4	2.7	.4	.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

5757

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044 STATION -IGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS APR MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	4.1	1.7	1.9								8.7	7.0
NNE	.8	2.4	1.1	.4	.1	.1						5.0	6.9
NE	.4	2.6	1.0		.1							4.2	5.8
ENE	.1	2.2	.6		.1							3.1	6.1
E	.7	2.4	2.2	1.1	.1							6.5	7.6
ESE	.4	1.0	1.8	1.0								4.2	8.0
SE	.7	2.8	1.2	.3								5.0	6.1
SSE	.1	1.8	.8	.3	.1							3.2	7.2
S	.7	1.2	1.8	.3								4.0	6.7
SSW	.1	1.4	.7	.3	.1							2.6	7.5
SW	.1	2.2	1.2	2.5	.4							6.5	9.4
WSW	.4	1.2	1.5	2.2	.8	.3	.1					6.7	11.5
W	.3	1.1	1.8	6.4	2.2	.3						12.1	13.1
WNW	.3	1.2	2.1	3.6	2.6	.6						10.4	13.0
NW	.4	.8	2.6	2.4	.9	1.1	.1					8.3	12.7
NNW	.6	1.1	1.7	.3	.1							3.7	7.3
VARBL													
CALM												5.1	
	7.4	29.6	23.9	22.9	7.9	2.4	.3					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044 RIGGS AAF TX (EL PASO)

73-80

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.9	.8	.4								3.5	6.4
NNE	.4	2.4	.6	1.0	.1							4.5	7.2
NE	.7	1.3	.7	.6								3.2	6.7
ENE	.1	1.7	.1	.3	.1							2.4	6.8
E		1.1	1.7	1.3	.1							4.2	9.7
ESE		1.3	2.2	1.0	.1							4.7	8.6
SE	.1	1.7	1.5	.4								3.8	7.1
SSE	.1	.8	1.1	.7	.1							2.9	8.7
S		1.4	1.7	.3								3.3	7.1
SSW	.1	1.5	1.4	.4	.6	.4	.1					4.6	10.8
SW	.4	2.6	1.5	1.0	.3	.1						6.0	8.1
WSW	.4	2.2	2.2	5.3	1.3	1.3						12.7	12.4
W	.3	1.3	3.6	8.9	2.2	1.1	.1					17.5	13.4
WNW	.4	1.5	3.3	4.3	1.9	.6	.1					12.2	12.4
NW	.1	1.3	1.3	1.3	1.0	.4						5.3	11.8
NNW		.8	.7	.8	.3							2.6	10.0
VARBL													
CALM												6.7	
	3.9	24.8	24.5	27.8	8.2	3.9	.4					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23244 BIGGS AAF TX (EL PASO)

73-80

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.8	.3								1.7	7.6
NNE		.4	.3									.7	6.2
NE	.1	.1	.3	.1								.7	7.4
ENE		.4	.7	.1	.3							1.5	8.4
E	.4	.8	1.0	1.4								3.6	9.3
ESE	.1	.7	.1	.8	.1							1.9	10.2
SE	.3	1.0	1.9	1.0								4.2	8.5
SSE	.3	1.0	.8	1.1	.1							3.3	8.9
S	.3	2.1	3.7	.8								6.9	7.8
SSW	.4	1.8	3.5	2.8	.6	.6						9.6	10.3
SW	.1	2.1	4.7	3.5	1.1							11.5	10.5
WSW		1.8	3.7	5.8	2.2	2.1	.3					16.0	13.8
W	.3	.7	3.7	8.6	5.0	2.8	.3	.1				21.5	15.2
WNW		1.5	2.4	2.4	2.2	1.1	.3					9.9	13.8
NW		.7	.7	.6	.6		.1					2.1	11.4
NNW		.4	.6	.7		.1						1.1	10.4
VARBL													
CALM												2.3	
	2.5	16.0	29.0	30.0	12.2	6.7	1.0	.1				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044 BIGGS AAF TX (EL PASO)

73-80

APR
MONTH

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	.4									2.1	5.7
NNE	.1	1.2	.3	.1								1.5	6.2
NE	.3	1.1	1.0	.6	.4							3.3	8.9
ENE		.1	.3	.3	.1							.8	10.8
E	.1	.7	1.0	.8	.3							2.9	9.6
ESE	.1	.3	1.2	.6	.1							2.4	9.2
SE	.3	1.7	3.1	1.2	.1							6.4	8.5
SSE	.3	1.1	2.1	.6								3.9	7.9
S	.3	3.1	4.3	1.1	.3							9.0	7.8
SSW	.4	2.1	3.5	2.9	.1	.1						9.2	9.4
SW	.3	2.1	4.7	5.8	1.8							14.7	11.0
WSW		1.4	2.4	6.8	1.8	.6	.1					13.1	13.1
W	.1	1.2	5.0	6.7	3.1	1.7	1.1	.1				19.0	14.5
WNW		.4	2.2	2.9	.7	.4		.1				6.8	13.1
NW		1.1	1.0	.4	.3							2.8	8.4
NNW		.1	.7	.1								1.0	8.9
VARBL													
CALM												1.1	
	2.8	18.0	33.1	31.0	9.2	2.8	1.2	.3				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044 LIGGS AAF TX (EL PASO)

73-80

APP
MONTH

ALL THER

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.8	2.4	.1								4.6	6.8
NNE	1.5	1.7	1.7	1.0								5.8	6.9
NE	.3	1.5	.6	1.0								3.3	7.4
ENE	.6	.3	.3	.4								1.5	7.7
E	.7	.8	1.5	1.1	.3							4.5	8.5
ESE	.6	.8	1.4	.7								3.5	7.8
SE	.7	1.9	3.2	.8								6.7	7.4
SSE	.3	1.7	1.5	.6								4.0	7.2
S	.8	3.8	5.3	.8	.1							10.8	7.1
SSW	.7	2.8	3.3	2.1	.3	.1						9.3	8.5
SW	.3	2.2	5.1	2.4	.4							10.4	9.3
WSW	.4	.7	1.1	4.7	.8	.6						8.3	13.0
W	.3	1.1	3.6	4.9	2.4	1.4	.3					13.9	13.8
WNW	.1	.1	1.0	3.2	.1							4.6	12.1
NW	.4	.7	1.1	1.3								3.5	8.8
NNW	.1	.3	.1	.8								1.4	9.5
VARBL													
CALM												3.8	
	8.1	22.3	33.2	25.9	4.5	2.1	.3					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044 RIGGS AAF TX (EL PASO)
STATION STATION NAME

73-80
YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	5.8	4.6	1.0								13.1	6.4
NNE	1.5	5.0	2.5	.3								9.3	5.6
NE	1.9	2.9	1.5		.1							6.5	5.3
ENE	1.2	1.7	1.5	.3								4.7	5.8
E	1.5	1.7	1.0									4.2	4.8
ESE	.7	1.4	.4									2.5	4.8
SE	.7	2.4	1.0	.1								4.2	5.5
SSE	.4	2.8	2.6	.1								6.0	6.4
S	1.4	5.3	4.2	.1								11.0	6.0
SSW	.4	2.6	2.9		.1							6.1	7.0
SW		.6	1.7	.3	.1							2.6	9.2
WSW		.6	.7	1.4	.6							3.2	11.7
W		1.0	2.6	2.5	.3	.3						6.7	11.1
WNW	.3	.8	2.1	1.8	1.1	.7						6.8	12.5
NW	.4	.8	.8	.4								2.5	7.2
NNW		1.2		.3								1.5	6.2
VARBL													
CALM												9.2	
	12.2	36.5	30.1	8.6	2.4	1.0						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 STATION BIGGS AAF TX (EL PASO) 73-80 YEARS
APD MONTH 0300-0500
HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.9	3.6	.6								9.9	6.1
NNE	2.2	6.7	1.5									10.4	4.9
NE	.7	4.0	1.7		.1							6.5	5.5
ENE	.7	2.1	.3			.1						3.2	5.6
E	1.4	2.1	.7		.1							4.3	5.1
ESE	1.2	1.4		.1								2.8	4.4
SE	.8	3.3	1.1									5.3	5.1
SSE	.8	1.8	.8									3.5	5.1
S	1.0	3.1	2.2	.3								6.5	6.0
SSW	.6	1.9	2.1	.4								5.0	6.9
SW	1.4	1.4	2.2	.8								5.8	7.2
WSW	.3	1.5	1.5	1.4	.3	.1						5.1	9.3
W	1.0	.6	1.8	1.8	.7	.1						6.0	10.2
WNW	.6	.4	1.8	2.8	1.5	.6	.1	.1				7.9	13.6
NW	.1	.8	.8	1.0	.3	.1						3.2	10.5
NNW	.6	.3	1.5	.4								2.8	7.4
VARBL													
CALM												11.8	
	15.1	35.3	23.7	9.6	3.1	1.1	.1	.1				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044
STATION

DIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.6	2.6	1.8								9.2	7.0
NNE	.8	3.2	1.0	.1								5.1	5.2
NE	.8	2.1	.6	.4								3.9	5.7
ENE	.6	2.2	.3	.1								3.2	5.4
E	.4	2.5	1.5									4.5	6.2
ESE	.3	1.9	.6	.1								2.9	5.6
SE	.7	2.5	1.1									4.3	5.3
SSE	1.5	1.8	1.3	.4								5.0	5.8
S	1.0	2.8	1.9	.3								6.0	5.9
SSW	.6	2.8	1.4	.1								4.9	5.6
SW	.3	1.4	2.1	2.5	.3							6.5	9.5
WSW	.3	1.1	1.7	3.1	.8							7.0	11.2
W	.1	1.4	3.1	3.3	.7	.3						8.9	11.1
WNW	.3	1.1	1.3	4.5	1.5	1.1	.1					9.9	13.4
NW	.7	.6	1.8	1.5	.1	.4						5.1	10.2
NNW	.7	.7	1.1	1.1								3.6	7.9
VARBL													
CALM												10.0	
	10.2	31.7	23.2	19.5	3.5	1.8	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	2.1	.8	.1							6.5	6.9
NNE	1.0	2.1	1.5	.4								5.0	6.2
NE	.9	1.9	.8	.1								3.7	5.3
ENE	.3	1.3	.5	.2								2.2	6.0
E	.6	1.4	.7	.4	.0							3.1	6.3
ESE	.6	1.1	.6	.3	.0							2.6	6.1
SE	.7	1.9	.9	.1	.0							3.6	5.6
SSE	.3	1.6	1.3	.2		.1						3.5	6.7
S	.7	3.4	2.7	.6	.0	.0	.0					7.4	6.7
SSW	.5	1.7	2.1	.7	.3	.2	.1					5.4	8.6
SW	.4	1.9	3.1	2.4	.9	.3	.1	.0				9.2	10.6
WSW	.3	1.1	3.0	3.7	1.5	.8	.2					10.6	12.8
W	.4	1.0	.4	5.8	2.8	1.6	.3	.1				15.3	14.1
WNW	.3	.0	.2	3.1	1.4	.6	.2	.0				6.7	13.2
NW	.3	.6	1.2	.7	.4	.3	.1	.1				3.8	11.6
NNW	.4	.5	.8	.4	.1							2.1	7.5
VARBL													
CALM												7.3	
	8.7	24.9	26.9	19.8	7.6	3.9	.9	.2				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044 BIGGS AAF TX (EL PASO)

73-80

YEAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.7	2.8	.1	.1							6.5	6.3
NNE	1.1	3.0	.9									5.0	5.1
NE	1.9	2.3	1.1									5.8	4.8
ENE	.3	2.3	.5									3.1	5.3
E	.5	2.0	1.5	.1								4.2	6.2
ESE		1.9	.4	.4								2.7	6.4
SE	.5	1.3	.7									2.6	5.4
SSE	.4	1.5	.7	.1								2.7	5.7
S	1.2	3.2	2.4	.3								7.1	6.0
SSW	.4	1.9	1.2	.5	.1	.1	.1					4.4	8.4
SW	.4	1.6	2.3	2.2	.9	.4						7.8	11.2
WSW	.3	1.1	2.3	3.2	2.3	.4						9.5	12.7
W	.1	.8	2.8	4.8	2.4	.8						11.8	13.6
WNW		.7	2.6	5.5	1.6	.3	.3					10.9	13.3
NW	.3	1.3	2.2	1.3	.9	.4	.1					6.6	11.3
NNW	.7	.9	1.1	.4								3.1	6.8
VARBL													
CALM												6.3	
	9.7	28.1	25.4	19.1	8.5	2.4	.5					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044
STATION

RIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	8.3	5.2	1.3								17.4	6.2
NNE	3.5	4.8	1.5									9.8	4.8
NE	3.1	6.1	.4									9.6	4.3
ENE	.9	3.1	.3	.1								4.4	5.0
E	.9	3.4	.8		.1							5.2	5.3
ESE	1.2	3.0	.3	.3								4.7	5.0
SE	1.1	3.2	1.3		.1							5.8	5.6
SSE	.5	1.5	2.2	.3								4.4	7.0
S	.4	2.4	3.0	.1								5.9	6.5
SSW	.7	1.6	1.3	.1								3.8	6.2
SW	.3	1.5	1.6	.7								4.0	7.3
WSW		.9	1.2	1.2	.1							3.5	9.0
W	.1	.4	.7		.1	.1						1.5	8.8
WNW	.7	.8										1.5	4.0
NW	.8	.7	.1									1.6	4.3
NNW	.3	.9	.3	.1								1.6	5.7
VARBL													
CALM												15.2	
	17.0	42.7	20.2	4.3	.5	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SE-VICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044 STATION HIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS JUL MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	6.7	4.7	1.5								16.7	6.6
NNE	2.0	7.1	1.9	.3								11.3	5.2
NE	3.0	3.6	1.1	.4	.1							6.2	5.3
ENE	1.5	2.2	1.1	.4								5.1	5.4
E	.9	2.7	1.2									4.8	5.3
ESE	1.9	2.3	.7	.4								5.2	5.1
SE	1.5	3.2	1.2									5.9	5.2
SSE	.7	2.2	3.8	.4								7.0	6.8
S	.9	4.6	4.2	.4								10.1	6.5
SSW	.7	1.5	1.5									3.6	5.9
SW	.3	1.3	2.3	.1								4.0	6.9
WSW	.3	1.1	.9	.5								2.8	7.3
W	.1	.7	.7	.1								1.6	7.1
WNW		.1	.1									.3	6.0
NW	.4	.3	.4									1.1	5.0
NNW	.5	.3										.8	3.5
VARBL													
CALM												11.4	
	16.4	39.8	27.7	4.6	.1							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

20044 STATION BIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS
ALL WEATHER CLASS
CONDITION
JUL MONTH
1900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.2	1.6	.3								4.6	6.5
NNE	.5	2.7	2.3									5.8	6.1
NE	.3	3.3	.7	.4								4.3	6.2
ENE	.4	1.7	1.1	.5								3.8	6.8
E	.4	2.7	1.9	.5								5.5	6.7
ESE	.7	3.5	3.8	1.2		.1						9.3	7.4
SE	.9	5.5	5.0	.9								12.4	6.7
SSE	.5	3.9	3.9	.7								9.0	6.7
S	1.1	7.4	7.5	.3								16.3	6.4
SSW	1.3	2.7	3.5									7.5	6.0
SW	1.1	1.1	3.0									5.1	6.7
WSW	.5	.7	1.5	.4								3.1	7.1
W	.4	1.1	1.5									3.0	6.3
WNW	.1	.8	.7	.5								2.2	7.8
NW	.1	.4	.1									.7	4.8
NNW	.4	.3										.7	3.8
VARBL													
CALL												7.0	
	9.7	39.5	37.9	5.8		.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23144 STATION PIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS JUL MONTH 1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	1.1	.1								2.8	6.4
NNE	.7	1.5	1.7									3.9	5.9
NE	.5	2.3	1.7	.7		.3						5.5	7.9
ENE	.3	1.3	1.7	.7	.1							4.2	7.9
E		1.6	3.8	1.3								6.7	8.7
ESE	.7	3.0	3.6	1.1	.3							8.6	7.8
SE	.9	3.2	5.0	2.3								11.4	8.0
SSE	.4	1.6	3.0	1.5	.3							6.7	8.7
S	1.2	4.6	7.9	1.1								14.8	7.1
SSW	.4	3.2	2.8	.3								6.7	6.5
SW	.5	2.8	4.6	.3								8.2	7.1
WSW	.4	1.4	1.6	.5								4.4	6.8
W	.4	3.6	2.2	.5								6.7	6.7
WNW		1.3	1.2									2.6	6.4
NW	.3	.4	.4									1.5	5.3
NNW	.1	1.1	.5									1.7	5.6
VARBL													
CALM												3.5	
	7.3	35.1	42.9	10.3	.7	.3						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JUL
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	1.1	.5	.3	.1						4.0	6.4
NNE	.3	1.1	1.2	.4								3.0	7.5
NE	.1	1.1	2.0	1.1	.1	.3						4.7	9.8
ENE	.7	.7	1.9	.9	.3	.1						4.6	9.3
E		1.2	4.7	4.0	.3							10.2	10.1
ESE	.7	2.2	4.2	2.7	.5							10.2	9.3
SE	1.1	3.0	5.9	3.4	.3							13.6	8.9
SSE	.5	1.7	2.0	1.3	.1							5.8	8.1
S	1.1	3.5	5.9	2.0	.3	.1						12.9	8.2
SSW	.7	2.6	1.6			.1						5.0	6.4
SW	1.2	2.8	2.6	.5								7.1	6.4
WSW	.3	1.9	1.5	.4		.1						4.2	7.3
W	.7	1.9	2.4	.4								5.4	7.0
WNW	.3	.8	1.5	.3								2.8	7.6
NW	.5	.9	.7	.4	.3							2.8	7.9
NNW		.8	.5									1.3	6.4
VARBL													
CALM												2.4	
	8.5	27.7	39.7	18.4	2.4	.9						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23-44 STATION BIGGS AAF TX (EL PASO) 73-80 YEARS JUL MONTH 1900-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.0	2.6	.5								6.6	6.9
NNE	.3	1.7	1.9	.7	.3							4.8	7.8
NE	.1	1.7	.8	.5	.3							3.5	7.7
ENE	.3	1.3	2.2	1.2	.1							5.1	8.8
E	.5	1.7	4.8	4.8	.4	.1						12.5	10.0
ESE	.8	3.1	4.4	4.6	.1							13.0	8.9
SE	.4	3.4	5.4	3.9	.3							13.3	9.0
SSE	.1	.9	2.8	1.2	.3							5.4	9.1
S	.5	5.4	5.6	1.5								13.0	7.3
SSW	.3	1.1	1.2	.5								3.1	7.6
SW	.5	2.3	.7	.3	.3							4.0	6.7
WSW	.9	.7	1.3	.3								3.2	6.2
W		1.7	1.5	.3	.4							3.9	8.2
WNW	.4	.3	1.1	.7	.1							2.6	9.3
NW	.1	.7	.5	.1								1.5	7.1
NNW	.4	.5	.3	.3								1.5	6.3
VARBL													
CALM												3.6	
	6.3	29.6	37.1	21.4	2.6	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2344 STATION HIGGS AAF TX (EL PASO) 73-80 YEARS JUL MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.6	3.2	2.4	.7							11.6	6.3
NNE	.9	2.7	1.3	1.5	.1							6.6	7.4
NE	.9	1.6	.8	.7	.1							4.2	6.7
ENE	.1	1.2	1.2	.7								3.2	7.8
E	.9	4.6	4.0	2.3								11.8	7.5
ESE	.7	3.8	6.6	4.8	.1							16.0	8.9
SE	.9	3.9	5.4	1.7								12.0	7.3
SSE	.8	1.6	2.4	.5	.1							5.5	7.5
S	.7	2.4	3.0	1.1	.1							7.3	7.9
SSW	.4	1.2	1.1	.4								3.1	6.9
SW	.7	1.5	1.1	.5	.1							3.9	6.9
WSW	.1	1.3	.8	.5	.4							3.2	8.6
W	.5	.5	1.2	.8	.1							3.2	8.3
WNW		.7	.1	.7	.1							1.6	9.8
NW	.3	.7	.9	.1	.1	.1						2.3	8.5
NNW	.4	.4	.3	.1								1.2	6.0
VARBL													
CALM												3.9	
	9.5	31.7	33.5	19.0	2.3	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27.44 STATION BIGGS AAF TX (EL PASO) 73-80 YEARS JUL MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	4.1	3.1	1.0	.2	.0						9.5	6.9
NNE	1.3	3.1	1.7	.4	.1							6.5	6.0
NE	1.1	2.9	1.0	.5	.1	.1						5.7	7.2
ENE	.6	1.7	1.3	.6	.1	.						4.3	7.1
E	.7	2.7	2.8	1.7	.1	.0						8.0	8.6
ESE	1.0	3.0	3.1	1.9	.1	.0						9.2	7.8
SE	1.0	3.7	4.0	1.6	.1							10.4	7.4
SSE	.5	2.1	2.9	.8	.1							6.3	7.5
S	.8	4.2	5.2	.9	.1	.0						11.1	7.1
SSW	.6	2.1	1.8	.3		.0						4.7	6.5
SW	.7	2.0	2.2	.4	.1							5.3	6.9
WSW	.4	1.1	1.2	.6	.1	.0						3.3	7.5
W	.4	1.3	1.3	.4	.1	.0						3.6	7.4
WNW	.2	.7	.6	.3	.0							1.9	7.5
NW	.3	.6	.4	.1	.1	.0						1.5	6.5
NNW	.3	.6	.3	.1								1.3	5.5
VARBL													
CALM												7.3	
	11.0	35.9	32.9	11.5	1.2	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27044 STATION WIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS
ALL WEATHER CLASS
CONDITION
AUG MONTH
1000-0200 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	5.4	1.6	1.7	.1							13.3	7.1
NNE	1.3	3.2	.7	.1								5.4	5.0
NE	1.9	1.3	1.1									4.3	4.7
ENE	1.3	2.4	.7									4.4	4.5
E	.9	3.6	.7			.1						5.4	5.5
ESE	1.1	2.7	1.5	.4								5.7	6.0
SE	2.8	1.8	3.0	.3	.1							11.0	5.6
SSE	.7	2.4	2.4	.1								5.7	6.6
S	1.6	2.7	4.2	.4								9.9	6.4
SSW	.1	1.5	.7	.3								2.6	6.8
SW	.7	2.2	2.2	.9	.1							5.7	7.7
WSW	.4	.9	.8	.5								2.7	7.4
W	.3	.8	.3	1.6	.1							3.1	10.0
WNW	.5	.8	.5	.5								2.4	7.1
NW	.3	.5	.4	.1								1.3	5.5
NNW	.5	1.3	1.3									3.2	6.0
VARBL													
CALM												14.9	
	15.6	36.7	24.9	7.1	.5	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27044 STATION GIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS
AUG MONTH
ALL WEATHER CLASS 2300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	7.3	4.7	1.2								15.6	6.1
NNE	3.4	6.5	1.1	.1								11.0	4.5
NE	2.0	5.2	.4									7.7	4.3
ENE	1.3	2.4	.1	.3								4.2	4.4
E	2.3	2.2	.8									5.2	4.6
ESE	.9	3.1	.9									5.0	5.0
SE	.9	3.0	1.7	.1								5.8	5.5
SSE	.9	4.0	2.4	.3								7.7	5.9
S	1.5	3.9	2.8	.4								8.6	6.0
SSW	.5	.5	1.1	.1								2.3	6.5
SW	.1	.7	1.7	.4								3.0	8.0
WSW		.5	1.3	.1								2.0	7.7
W	.3	.7	.9	1.1								3.0	8.8
WNW	.4	.4	.4									1.2	5.4
NW	.4		.1									.5	4.0
NNW	.4	1.6	.3									2.3	5.1
VARBL													
CALM												15.1	
	17.9	41.9	21.0	4.2								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044 STATION BIGGS AAF TX (EL PASO) STATION NAME 73-80 YEARS
ALL WEATHER CLASS
CONDITION
AUG MONTH
3600-0800 HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 7	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	8.5	7.3	.8								19.4	6.1
NNE	2.4	5.2	1.3	.1								9.1	4.9
NE	2.0	4.3	.7	.1								7.1	4.7
ENE	1.7	2.8	.8	.1								5.5	4.9
E	1.9	3.5	1.1	.1	.1							6.7	5.2
ESE	1.9	1.3	.3									3.5	3.9
SE	1.2	3.1	.8	.1								5.2	5.1
SSE	.7	3.4	3.2	.4								7.7	6.3
S	.8	3.6	4.6	.4								9.4	6.5
SSW	.3	1.2	.5	.3								2.3	6.2
SW	.4	.7	2.0	.1								3.2	7.3
WSW		.3	.7	.3								1.2	8.3
W		.7	1.1	.1								1.9	7.6
WNW	.3	.3	.1	.1								.8	6.7
NW	.3	.5	.1									.9	5.1
NNW	.4	.4	.3									1.1	5.3
VARBL													
CALM												14.9	
	17.1	39.8	24.9	3.2	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044 STATION F1666 AAF IX (EL PASO) STATION NAME 77-80 YEARS
ALL WEATHER CLASS
CONDITION:
AU MONTH 6900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.2	2.4	.1								5.6	6.1
NNE	.4	2.2	.9									3.5	5.5
NE	.2	3.0	1.5	.1	.1							5.7	5.9
ENE	.3	2.6	1.1	.3								4.2	5.3
E	.7	2.7	2.3	.8								6.5	7.0
ESE	.7	3.1	2.3	.7								6.7	6.7
SE	1.3	5.0	3.9	.7								10.9	6.3
SSE	.5	4.3	4.4	.1								9.4	6.5
S	1.3	8.6	7.7									17.6	6.3
SSW	.1	2.4	1.7	.1								4.4	6.5
SW	.2	2.2	2.7	.3								5.9	6.7
WSW	.5	.7	.6	.3								2.3	6.6
W	.5	.9	1.9	.4								3.8	7.1
WNW	.4	1.1	.7									2.2	5.3
NW	.4	.7	.4									1.5	5.1
NNW	.7	.9	.3	.1	.1							2.2	5.7
VARBL													
CALM												6.7	
	10.5	43.5	35.0	4.0	.5							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22044
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.3	1.1	.3	.1							4.3	6.1
NNE	.4	1.1	.7									2.2	5.5
NE	.4	2.0	.9	.5	.1							4.0	5.9
ENE	.5	1.5	.5	.1	.1							2.8	6.1
E	.5	2.2	2.2	.5	.1							6.5	8.2
ESE	.9	2.7	2.4	.8								6.7	7.0
SE	1.1	3.4	4.0	1.7	.1							10.3	7.5
SSE	.1	3.6	2.4	.7								6.9	7.1
S	1.1	6.6	6.0	.7								14.4	6.4
SSW	.7	2.3	3.4	.1								6.5	6.8
SW	.5	3.6	4.8	.3								9.3	6.5
WSW	.1	2.6	1.6	.3								4.6	6.5
W	.4	2.8	4.2	.7								8.1	7.2
WNW	.4	1.1	1.1	.4								3.0	7.0
NW		1.6	1.1	.3								3.0	7.2
NNW	.4	.8	.5	.1								1.9	6.4
VARBL													
CALM												5.3	
	8.1	40.1	37.0	8.5	.7							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2244
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.3	1.3	.1								5.0	5.7
NNE	.3	.7	.4									1.3	5.8
NE	.3	1.2	.7	.5	.3							3.0	8.4
ENE		1.2	1.9	1.1								4.2	8.8
E	.4	1.6	2.6	3.6								8.2	9.7
ESE	.9	1.6	4.2	2.4	.5							9.7	9.0
SE	.4	2.7	5.0	1.3	.3							9.7	8.3
SSE	.4	2.0	2.4	1.2	.1							6.2	8.2
S	.4	4.7	7.1	2.0	.1							14.4	7.9
SSW	.3	2.3	2.4	.3								5.2	7.0
SW	.3	3.6	3.5	.7	.1							8.2	7.2
WSW	.7	.5	1.7	.5								3.5	7.3
W	.8	1.7	4.0	1.3	.1							8.1	8.2
WNW	.5	1.2	2.3		.1							4.2	7.4
NW	.3	1.2	1.1		.1							2.7	6.5
NNW		.8	.8	.7								2.3	9.0
VARBL													
CALM												4.2	
	6.6	30.0	41.5	15.9	1.9							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥36	%	MEAN WIND SPEED
N	.8	2.3	2.8	.8	.1							6.9	7.5
NNE	.1	.4	.9	.4								1.9	8.2
NE	.9	2.6	.8	.4	.1							4.9	6.4
ENE	.3	1.9	1.3	.9								4.5	7.7
E	.3	1.8	2.8	2.4	.4							7.7	9.4
ESE	.3	3.7	3.1	2.2	.4							8.9	8.5
SE	.5	4.6	4.6	1.3	.3							11.3	7.9
SSE	.1	3.2	4.3	2.0	.1							9.9	8.1
S	.4	4.9	5.4	1.8	.1							12.6	7.5
SSW	.3	1.3	1.5	.7	.3	.1						4.2	8.5
SW	.4	1.3	1.6	.4	.1							3.9	7.7
WSW	.1	2.3	1.9	1.1	.1							5.5	8.1
W	.3	2.2	1.9	.9	.3							5.5	8.1
WNW	.3	1.1	1.8	.5	.4							4.0	9.0
NW	.4	.9	.4	.3	.1							2.2	7.1
NNW	.4	.5	.7	.3	.1	.1						2.2	8.2
VARBL													
CALM												4.0	
	5.9	34.3	35.9	16.5	3.1	.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044
STATION

LIGGS AAF TX (FI PASO)
STATION NAME

73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.9	3.4	1.8								10.0	7.4
NNE	.1	1.8	1.2	.3								3.4	6.4
NE	.5	1.6	1.5	.3								3.9	6.2
ENE	.4	1.5	.3	.4								2.6	5.8
E	1.5	2.3	4.2	.7	.1	.1						8.9	7.2
ESE	1.5	4.3	4.3	1.6	.1							11.9	7.2
SE	1.5	5.3	5.1	1.1								13.0	6.6
SSE	.4	3.0	3.5	.7								7.6	7.0
S	.4	4.5	3.2	1.3								9.4	7.2
SSW	.3	1.6	1.1	.8								3.8	7.6
SW	.3	1.3	.9	.8	.1							3.5	7.8
WSW	.3	1.2	.7	1.1								3.2	8.4
W	.1	.8	1.8	1.8	.3							4.7	9.7
WNW	.4	.4	1.1	.5								2.4	8.1
NW	.7	.3	.3									1.2	4.8
NNW	.5	.4	1.1	.4								2.4	7.3
VARBL													
CALM												8.1	
	9.9	34.1	33.6	13.5	.7	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044 BIGGS AAF TX (EL PASO)

73-80

AUG
MONTH

STATION

STATION NAME

YEARS

ALL
HOURS [U.S.T.]

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.5	3.4	.9	.1							10.1	6.5
NNE	1.1	2.6	.9	.1								4.7	5.2
NE	1.1	2.7	.9	.3	.1							5.1	5.6
ENE	.7	2.0	.8	.4	.0							4.0	6.0
E	1.1	2.5	2.1	1.1	.1	.0						6.9	7.3
ESE	1.0	2.7	2.4	1.0	.1							7.3	7.1
SE	1.2	4.0	3.5	.8	.1							9.7	6.8
SSE	.5	3.2	3.1	.7	.0							7.6	7.0
S	.0	4.9	5.1	.9	.0							11.9	6.8
SSW	.3	1.6	1.5	.3	.0	.0						3.9	7.0
SW	.4	2.0	2.4	.5	.1							5.3	7.2
WSW	.7	1.1	1.2	.5	.0							3.1	7.5
W	.3	1.3	2.0	1.0	.1							4.8	8.2
WNW	.4	.9	1.0	.3	.1							2.5	7.3
NW	.3	.7	.5	.1	.0							1.7	6.1
NNW	.4	.9	.7	.2	.0	.0						2.2	6.7
VARBL													
CALM												9.2	
	11.4	37.6	31.7	9.1	.9	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

5943

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044
STATION

16GS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

3000-6200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	6.1	4.2	1.8	.1							14.0	6.8
NNE	1.4	3.6	.8	1.2								7.1	6.0
NE	1.0	3.3	1.2									6.5	4.7
ENE	1.0	4.7	.8	.4								6.9	5.5
E	1.0	2.6	1.8	.6	.1							6.5	6.2
ESE	1.4	3.1	.8									5.3	4.9
SE	1.2	2.6	1.2	.1								5.3	5.4
SSE	.8	2.6	1.4	.3								5.1	5.8
S	1.1	5.3	2.4	.6								9.3	5.9
SSW	.8	2.4	.6	.3								4.0	5.3
SW	1.2	1.7	1.1	.6								4.6	6.3
WSW	.6	.1	1.4	.7								2.8	8.2
W	.3	.6	.3	1.0	.1							2.2	9.4
WNW	.7	.3	.7	.4	.6							2.6	9.6
NW	.4	.3	.4	.3								1.9	6.3
NNW	.8	.8	.6									2.2	4.4
VARBL													
CALM												13.5	
	16.9	40.7	19.7	8.2	1.0							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	7.6	5.4	.7								16.0	6.1
NNE	2.4	6.8	2.5	.4								12.1	5.5
NE	2.6	5.1	1.2	.1								9.2	4.8
ENE	1.1	2.6	.7	.1								4.6	5.1
E	1.2	2.8	1.7	.4								6.1	6.1
ESE	1.0	1.9	.1									3.1	4.1
SE	1.0	2.4	.6									3.9	5.0
SSE	1.1	2.1	1.4	.1								4.7	5.5
S	1.5	3.3	1.7	.3								6.8	5.7
SSW	.7	1.9	1.7									4.3	5.8
SW	.6	1.1	1.9									3.6	6.4
WSW	.3	1.5	.6	.6								2.9	5.5
W	.4	.6	.7	.3								1.9	6.4
WNW	.4	.7	.3	.3								1.7	6.3
NW	.1	.7										.8	4.2
NNW	.8	1.0	.3	.1								2.2	5.1
VARBL													
CALM												16.1	
	17.5	42.2	20.7	3.5								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 STATION MCGGS AAF TX (EL PASO) STATION NAME 72-79 YEARS
ALL WEATHER CLASS
CONDITION
SEP MONTH
0600-0800 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	7.2	6.7	.7								17.6	6.2
NNE	1.4	8.5	1.8	.1								11.8	5.2
NE	1.9	4.0	1.0	.3								9.0	5.4
ENE	1.2	3.6	1.0	.3	.1							6.2	5.6
E	.4	3.3	1.1	.3								5.1	5.7
ESE	.7	1.7	.7	.1								3.2	5.5
SE	1.4	1.8	.4									3.5	4.9
SSE	1.1	2.5	1.7	.1								5.4	5.6
S	1.1	3.9	2.4	.1								7.5	5.9
SSW	.6	1.4	1.4	.1								3.5	6.6
SW	.1	1.4	.8	.4								2.8	7.1
WSW	.4	1.2	.8									2.5	5.4
W	.4	.6	.4	.1								1.5	6.2
WNW	.3	.7	.4									1.4	5.6
NW	1.1	.3	.1	.1								1.7	4.3
NNW	.3	1.5		.1								1.9	4.8
VARBL													
CALM												15.1	
	15.1	44.9	21.7	3.1	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.5	4.6									8.8	6.6
NNE	.7	2.6	1.4	.6								5.3	6.4
NE	1.4	3.6	1.5	.7								7.2	6.1
ENE	1.3	3.5	1.8	.6								7.1	6.2
E	1.1	3.9	3.1	1.5								9.6	7.1
ESE	.6	2.8	2.4	.6								6.3	6.4
SE	1.4	3.6	2.1	.4								7.5	5.9
SSE	.8	2.6	2.6									6.1	6.1
S	2.1	6.8	4.9									13.8	5.7
SSW	.7	1.1	2.6	.1								4.6	6.5
SW	.7	2.9	3.1	1.0								7.6	7.1
WSW	.7	1.2	1.3	1.5								4.5	8.2
W	.6	.8	1.1	.4	.1							3.1	7.5
WNW	.1	.6	.6	.3								1.8	7.5
NW	.3	.3	.3									.8	5.3
NNW	.3	.3	.3	.3								1.1	6.4
VARBL													
CALM												4.9	
	13.4	19.9	33.8	7.9	.1							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21044 STATION HIGGS AAF TX (EL PASO) STATION NAME 72-79 YEARS SEP MONTH 1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	.6	.3								3.9	5.5
NNE	.8	1.5	1.4	.6								4.3	6.4
NE	.4	2.5	1.4	1.0								5.3	7.3
ENE	.3	1.5	1.5	.8	.3							4.4	6.8
E	.7	2.5	3.2	2.2								8.6	8.0
ESE	.6	3.2	3.9	.6	.1							7.2	7.2
SE	.1	2.4	3.2	.4								6.1	7.3
SSE		2.2	3.1	.3								5.6	7.5
S	.4	5.1	4.0									9.6	6.4
SSW	.8	2.6	2.6	.1								6.2	5.3
SW	1.2	3.7	4.3	1.0								10.3	6.9
WSW	.3	1.7	2.4	1.4	.1							5.8	8.2
W	1.0	3.6	3.3	2.9								10.8	8.0
WNW	.4	1.0	.7	.6								2.6	7.4
NW	.1	1.2	.6	.1								2.1	6.1
NNW	.7	.6										1.2	3.8
VARBL													
CALM												4.7	
	8.7	37.6	36.1	12.2	.6							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 726

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

21044 STATION 21044 AAF TY (EL PASO) STATION NAME 72-79 YEARS SEP MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.2	1.0	.4								4.2	5.9
NNE	.6	1.8	.8	.1								3.3	5.5
NE	.7	2.5	2.1	.7	.1							6.1	7.0
ENE	.6	1.8	2.1	.6	.3							5.3	7.8
E	.3	2.6	3.3	3.6	.4	.3						10.6	9.9
ESE	.3	2.2	3.1	1.2	.1							6.9	8.4
SE	.6	2.9	2.5	1.8								7.8	7.9
SSE	.1	1.7	2.1	1.4								5.3	8.2
S	1.5	2.4	4.3	.8								9.0	6.9
SSW	.3	2.5	1.7	.7								5.1	6.9
SW	.4	1.2	3.1	1.5								6.2	8.4
WSW	.5	2.2	3.5	1.4	.1							7.8	8.2
W	.1	3.2	4.3	2.4	.1							10.1	8.4
WNW	.1	.7	1.8	.6								3.2	8.2
NW	.3	1.8	1.4	.1								3.6	6.4
NNW		.1	1.4									1.7	7.8
VARBL													
CALM												3.7	
	6.9	32.1	38.3	17.4	1.2	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23044 RIGGS AAF TX (FL PASO) STATION NAME 72-79 YEARS SEP MONTH 1800-2000 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.9	2.1	.8	.1							9.7	6.2
NNE	.7	2.4	1.1	.4								4.6	6.1
NE	.6	1.5	1.0	.7								3.8	6.8
ENE	.3	1.8	1.4	.6	.1							4.2	7.2
E	.7	3.8	5.7	3.3	.8							14.3	8.6
ESE	.3	2.9	3.6	2.4	.1							9.3	8.5
SE	1.0	2.6	2.6	1.3								7.5	7.3
SSE	.6	3.2	2.5	.1								6.4	6.5
S	.1	4.3	3.2	.3								7.9	6.6
SSW		1.9	1.4	.1								3.5	6.4
SW	.6	2.3	1.4	.6								5.3	6.6
WSW	.7	2.5	1.4	1.4								6.0	7.4
W	.4	2.5	1.8	1.9	.3							7.0	8.3
WNW	.1	1.4	.6	.7	.1							3.2	8.4
NW	.7	.4	.6	.3	.1							2.1	7.3
NNW	1.3	1.0	.3	.1								2.6	4.8
VARBL													
CALM												2.6	
	9.7	39.9	30.9	15.0	1.8							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27044 STATION 21665 AAF TX (FL PASO) 72-79 YEARS SEP MONTH
2100-2300 HOURS (L S T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	4.3	4.3	1.8								11.8	7.3
NNE	1.1	1.0	1.2	.7								5.0	6.2
NE	.6	2.8	1.0	.7								5.0	6.3
ENE	1.1	2.9	1.2	.3								5.6	5.8
E	.8	5.3	3.7	.1	.4							10.4	6.7
ESE	1.0	3.2	3.5	.7								8.3	6.7
SE	1.1	3.5	3.5	.6								8.6	6.5
SSE	.4	3.1	1.9	.4								5.8	6.6
S	2.5	4.4	3.6	.1								10.7	5.6
SSW		1.4	.7									2.1	5.3
SW	.6	1.0	1.1	.1	.1							2.9	6.8
WSW	.6	1.4	1.4		.3							3.6	7.1
W	.4	.7	1.0	1.1	.6							3.7	10.5
WNW	.7	1.1	.6	1.7	.3							4.3	8.9
NW	.1	.2	1.1	.3								2.1	7.7
NNW	.7	.8	.4	.4								2.4	5.8
VARBL													
CALM												7.5	
	13.1	38.3	30.3	9.0	1.7							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27644
STATION

BIGGS AAF TX (FL P150)
STATION NAME

72-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	4.9	3.6	.8	.0							10.8	6.4
NNE	1.1	3.6	1.4	.5								6.7	5.6
NE	1.3	3.3	1.4	.5	.0							6.6	5.9
ENE	.9	2.8	1.3	.5	.1							5.5	6.4
E	.8	3.4	3.0	1.5	.2	.0						8.9	7.6
ESE	.7	2.6	2.3	.7	.1							6.3	6.9
SE	1.0	2.7	2.0	.6								6.3	6.5
SSE	.6	2.5	2.1	.3								5.6	6.5
S	1.3	4.4	3.3	.3								9.3	6.1
SSW	.5	1.9	1.6	.2								4.2	6.2
SW	.7	2.0	2.1	.6	.0							5.4	7.0
WSW	.5	1.5	1.6	.9	.1							4.5	7.6
W	.5	1.6	1.6	1.3	.2							5.1	8.3
WNW	.4	.8	.8	.6	.1							2.6	8.1
NW	.4	.8	.6	.2	.0							1.9	6.2
NNW	.6	.8	.4	.1								1.9	5.3
VARBL													
CALM												8.5	
	12.7	39.5	28.9	9.5	.8	.0						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

5758

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2744
STATION

51665 AAF TX (EL PASO)
STATION NAME

72-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	5.7	4.2	.7								12.9	6.0
NNE	1.2	3.6	.8	.8								7.0	5.8
NE	1.6	3.6	1.2	.4								6.9	5.3
ENE	.7	3.9	.5	.4								5.5	5.5
E	1.9	4.0	.8	.3								7.0	4.7
ESE	1.8	3.1	.4									5.3	4.3
SE	1.9	3.0	.8									5.7	4.5
SSE	1.1	2.2	1.8	.1								5.1	5.7
S	1.2	3.2	2.0	.1								6.6	5.4
SSW	.5	1.1	1.6	.1								3.4	6.4
SW	.9	.8	1.5	.7								3.9	7.0
WSW	.8	1.2	.4	.5								3.0	6.0
W	1.2	.8	.5	1.1								3.6	6.9
WNW	.1	.7	1.5	1.1	.1							3.5	8.9
NW	.8	1.2		.3								2.3	4.8
NNW	.9	1.3	.1									2.4	4.0
VARBL													
CALM												15.9	
	19.7	39.5	18.2	6.6	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2044
STATION

WIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	5.8	3.5	1.3								13.6	6.2
NNE	3.4	7.8	2.8	.5								14.5	5.2
NE	2.3	6.3	.7	.5								9.6	5.0
ENE	1.6	.4	.5	.3								6.9	5.0
E	1.7	3.5	.5	.1								5.9	4.6
ESE	.9	2.3	.1									3.4	4.3
SE	1.2	1.6	.4	.1								3.4	4.5
SSE	.9	2.2	1.1									4.2	5.4
S	.7	2.9	1.9	.3								5.7	5.9
SSW	.8	1.6	.7	.3								3.4	5.5
SW	.5	.8	1.5	.7								3.5	7.3
WSW		.7	.9	.4								2.0	8.0
W	.5	.3	.8	.5	.1							2.3	8.0
WNW	.3	1.1	.8									2.2	6.1
NW	.5	1.1	.5									2.2	5.4
NNW	.5	1.9	.4									2.8	4.8
VARBL													
CALM												14.7	
	18.7	44.1	17.2	5.1	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27044 STATION HIGGS AAF TX (EL PASO) 72-79 YEARS OCT MONTH 1600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	6.9	4.4	1.6								15.5	6.3
NNE	3.0	9.3	4.3	.5								17.1	5.6
NE	2.6	5.4	1.2	.8								10.0	5.4
ENE	1.1	2.6	.4	.1								4.2	4.8
E	1.3	3.5	.5	.4								5.8	5.3
ESE	.9	2.2	.3									3.4	4.5
SE	.8	2.7	.5									4.0	4.7
SSE	.7	1.3	1.6									3.6	6.0
S	1.1	3.1	2.3									6.5	5.8
SSW	.4	1.2	1.5	.4								3.5	7.1
SW		.5	.4	.1								1.1	7.0
WSW	.1	.5	.4	.8								1.9	8.6
W	.7	.5	.8	.8								2.8	7.6
WNW	.4	.7	.4	.3								1.8	6.5
NW	.7	.7	.1									1.5	4.2
NNW	.8	.1	.5	.1								1.6	5.4
VARBL													
CALM												15.8	
	17.1	41.2	19.8	6.1								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044 BIGGS AAF TX (EL PASO)

72-79

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.4	3.4	1.1								8.9	6.2
NNE	1.1	3.6	2.0	.4								7.2	6.1
NE	1.5	2.6	1.1	1.2	.3							6.6	7.1
ENE	1.3	2.4	1.1	.8	.1							5.3	6.5
E	.8	2.3	2.2	1.1	.1							6.5	7.2
ESE	.4	2.2	2.8	.3								5.7	7.0
SE	1.5	2.6	2.6	.3								6.9	6.0
SSE	.8	3.9	1.6	.4								6.7	5.9
S	1.8	6.3	4.5	.1								12.7	5.9
SSW	.7	3.1	1.9	1.1	.3							7.0	7.3
SW	.7	2.0	3.1	1.3								7.2	7.8
WSW	.3	.8	1.8	.9		.1						3.9	8.9
W	.7	.4	1.6	1.2								3.9	8.3
WNW	.5	.3	1.5	.3								2.6	7.5
NW	.5	.1	.1	.3								1.1	6.3
NNW	.7	.4	.1	.1								1.3	5.3
VARBL													
CALM												6.1	
	14.3	36.4	31.3	10.9	.8	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2044 HIGGS AAF TX (EL PASO)

72-79

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.6	1.5									3.9	5.9
NNE	.5	.9	.3	.1								1.7	5.0
NE	.5	2.6	.5	1.3								4.5	7.5
ENE	1.1	.5	1.2	.4								3.2	7.0
E	.5	1.6	2.4	1.9	.3							6.7	9.0
ESE	.5	2.2	1.8	1.3								5.8	7.4
SE	.9	3.0	2.8	.5								7.3	6.4
SSE	.5	1.1	1.5	.5								3.6	6.9
S	.8	4.0	3.0	.3								8.1	6.1
SSW	1.1	3.2	2.7	.5	.3							7.8	6.8
SW	1.5	3.4	5.8	2.8	.3	.1						13.9	8.4
WSW	.5	1.8	4.7	3.0		.1						10.1	9.1
W	.3	2.7	4.3	2.7	.3							10.3	8.8
WNW	.4	1.1	.9	1.1								3.5	7.3
NW	.4	.9	.9	.4	.4							3.0	8.9
NNW	.3	.9	.4	.3	.1							1.9	6.9
VARBL													
CALM												4.5	
	10.8	30.9	34.7	17.3	1.6	.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25044
STATION

WIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.6	1.1									3.2	5.6
NNE	.1	1.3	1.1	.3								2.8	7.2
NE	1.1	1.1	.7	.5	.1							3.5	6.6
ENE	.7	.8	.9	.5	.3	.1						3.4	8.4
E	.5	1.3	2.6	2.0								6.5	8.8
ESE	.8	2.3	3.0	1.5								7.5	7.7
SE	.7	2.4	1.9	.9								5.9	7.0
SSE		2.0	.9	.5	.1							3.6	7.6
S	1.2	3.1	2.0	.7								7.0	6.1
SSW	1.5	2.2	1.5	.7								5.8	6.1
SW	.9	3.4	5.0	1.7	.4							11.4	8.0
WSW	.7	3.4	5.1	1.9								11.0	7.8
W	.7	3.0	6.3	2.3	.3							12.5	8.4
WNW	.3	1.5	2.3	.9								5.0	8.3
NW	.3	1.1	2.0	.1								3.5	7.2
NNW	.4	.5	.5	.1								1.6	6.5
VARBL													
CALM												5.8	
	10.3	30.9	36.8	14.8	1.2	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044
STATION

GIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	4.0	1.6	.4								7.0	5.2
NNE	1.5	2.6	.5	.3								4.9	4.9
NE	.5	2.2	.9	.3	.1							4.0	6.2
ENE	.8	.5	1.6	.8	.1							3.9	8.1
E	.4	4.0	4.9	.8								10.1	7.2
ESE	1.2	3.4	3.8	1.1								9.4	6.9
SE	.5	3.2	2.0	.3								6.1	6.0
SSE	.7	3.0	.9									4.6	5.4
S	.4	2.8	1.5									4.7	5.7
SSW	.8	4.2	1.2	.3	.1							6.6	5.9
SW	1.1	5.1	2.0	.7	.3							9.2	6.5
WSW	.3	2.7	1.3	.8	.1							5.3	7.2
W	.3	2.7	2.3	1.3								5.9	8.0
WNW	.4	1.1	1.8	.5								3.8	7.4
NW	.4	.2	.7	.8								2.7	7.9
NNW	.9	1.3	.7	.1								3.1	5.3
VARBL													
CALM												8.8	
	11.2	43.0	27.8	8.5	.8							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27044
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.0	3.1	.4								9.4	6.1
NNE	1.6	4.8	.9	.1								7.5	4.9
NE	1.1	4.0	.7	.5								6.3	5.5
ENE	1.2	2.3	1.1	.3								4.8	5.5
E	1.5	3.5	1.9	.4								7.3	5.8
ESE	1.1	3.5	2.4	.5								7.5	6.2
SE	.9	3.1	.7	.1								4.8	5.1
SSE	1.7	1.3	1.9	.4								5.4	6.0
S	.7	4.4	2.7	.1								7.9	6.0
SSW	.5	2.2	.7	.1								3.5	5.3
SW	.7	2.3	1.2	.8	.3							5.2	7.2
WSW	.7	1.3	.8	1.1	.1							4.0	7.8
W	.4	.9	1.1	1.6								4.0	9.3
WNW		1.1	1.2	.3	.1							2.7	7.7
NW	.5	.5	.5	.3								1.9	6.7
NNW	1.1	1.7	.9	.4								4.2	5.0
VARBL													
CALM												13.4	
	15.6	41.1	21.8	7.5	.5							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27144 HIGGS AAF TX (EL PASO)

72-79

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.1	2.8	.7								9.3	6.2
NNE	1.6	4.3	1.6	.4								7.2	5.5
NE	1.4	3.4	.9	.7	.1							6.4	5.9
ENE	1.1	2.2	.9	.5	.1	.0						4.7	6.1
E	1.1	3.0	2.0	.9	.1							7.0	6.6
ESE	1.0	2.6	1.8	.6								6.0	6.3
SE	1.1	2.7	1.5	.3								5.5	5.7
SSE	.8	2.1	1.4	.3	.0							4.6	6.0
S	1.0	3.7	2.5	.2								7.4	5.9
SSW	.9	2.3	1.5	.4	.1							5.1	6.4
SW	.3	2.3	2.6	1.1	.2	.0						6.9	7.6
WSW	.4	1.5	1.9	1.2	.0	.0						5.2	8.1
W	.6	1.3	2.2	1.4	.1							5.7	9.3
WNW	.3	.9	1.3	.6	.0							3.1	7.6
NW	.5	.8	.6	.3	.1							2.3	6.7
NNW	.7	1.0	.5	.2	.0							2.4	5.5
VARBL													
CALM												10.6	
	14.7	38.4	25.9	9.6	.7	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 5939

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27.44
STATION

HIGGS AAF YX (EL PASO)
STATION NAME

72-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	5.8	4.7	1.0								14.2	6.3
NNE	2.6	6.7	3.1	.1								12.5	5.3
NE	1.5	5.8	.7	.1								8.2	4.9
ENE	1.7	2.6	.3	.1								4.7	4.5
E	1.1	2.1	.6									3.8	4.8
ESE	1.1	1.9	.3									3.3	4.1
SE	1.3	2.1	1.0									4.0	5.2
SSE	.7	2.5	1.1	.1								4.5	5.6
S	1.0	3.3	2.1	.3								6.7	6.1
SSW	.8	1.4	.8	.3								3.3	5.9
SW	.6	1.3	2.6	.6								5.0	7.6
WSW	.1	1.3	.8	1.4								3.6	8.6
W	.6	.7	1.0	1.0	.3	.1						3.6	9.7
WNW	.7	.6	1.0	.8	.1	.4						3.6	9.9
NW	.8	.8	.8	.6	.1	.3						3.5	8.5
NNW	.6	1.5	1.0									3.1	5.5
VARBL													
CALM												12.4	
	17.5	40.5	21.8	6.4	.6	.8						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23044
STATION

IGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	6.4	4.3	1.2								10.1	5.9
NNE	3.1	9.3	4.3	.1								16.8	5.3
NE	2.5	6.8	.6									9.9	4.5
ENE	1.1	2.9	.8									4.9	4.8
E	1.5	2.8	.3	.1								4.7	4.6
ESE	.6	2.6	.6									3.7	5.0
SE	1.0	2.4	.8									4.2	4.8
SSE	.6	1.9	1.0									3.5	5.6
S	.3	2.2	2.5	.1								5.1	6.8
SSW	.6	1.8	1.9	.3								4.6	6.6
SW	.4	1.2	1.7	.7								4.0	7.3
WSW	.4	.3	1.2	.6								2.5	7.8
W	.1	.3	1.1	.8	.3	.4						3.1	12.5
WNW	.1	.3	.6	.4	.3	.3						1.9	12.1
NW	.1	1.0	1.0	.3		.3						2.6	8.7
NNW	.4	.7	.6									1.7	5.2
VARBL													
CALM												10.7	
	16.9	42.9	23.2	4.7	.6	1.0						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

126

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21044
STATION

WIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

3600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	7.4	6.4	1.0								16.5	5.3
NNE	2.2	8.7	6.4	.3								17.6	5.9
NE	1.9	4.7	.7	.1								7.5	4.8
ENE	1.1	2.4	.6									4.0	4.5
E	1.5	1.5	.4	.4								3.9	5.4
ESE	1.0	.8	.6									2.4	4.6
SE	.8	1.9	.4	.1								3.3	5.2
SSE	1.0	2.4	.8									4.2	5.1
S	1.1	3.2	2.6	.1								7.1	5.6
SSW	.8	1.8	1.7	.4								4.7	6.6
SW	.6	.7	1.2	.8	.6							3.9	9.3
WSW	.4	1.0	.6	.6	.1		.1					2.8	8.7
W	.1	.6	.6	.8	.7	.7						3.1	12.7
WNW	.4	.4	.3	.8	.6							2.5	10.3
NW	.6	.1	1.0									1.7	5.9
NNW	.4	1.1	.3									1.6	4.5
VARBL													
CALM												13.1	
	15.8	38.7	24.4	5.6	1.9	.3	.1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

27044 SIGGS AAF TX (EL PASO)

72-79

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

3900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	5.1	5.3	.6								12.2	6.5
NNE	2.2	4.9	4.6	.8								12.5	6.3
NE	1.5	2.1	.8	.4								5.8	5.3
ENE	1.4	1.4	.3	.1								3.2	4.5
E	1.1	1.9	1.2	.3								4.6	5.8
ESE	.8	1.4	1.2	.1								3.6	5.9
SE	1.0	2.5	1.1	.3								4.9	5.5
SSE	.2	2.2	1.0	.3								4.3	5.6
S	.4	5.8	3.1	.3								9.6	6.2
SSW	1.0	3.5	1.7	.6								6.7	6.3
SW	.7	1.6	2.5	1.7	.1							6.8	6.2
WSW	.7	.7	1.9	1.1	.1	.3	.1	.1				5.1	10.6
W	.7	.1	2.2	2.5	1.2		.1					6.9	12.1
WNW	.1	.2	.8	1.1	.6	.3						3.7	11.6
NW	.3	.3	.6									1.1	6.3
N.W	.3	1.7	.3	.3								1.8	5.7
VARBL													
CALM												7.1	
	14.3	36.5	28.6	10.4	2.1	.6	.3	.1				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23044 STATION HIGGS AAF TX (FL PASO) STATION NAME 72-79 YEARS NOV MONTH 1230-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.9	2.1	.6								6.4	5.9
NNE	.8	2.2	1.9	.6								5.6	6.5
NE	1.1	2.4	.8									4.3	5.3
ENE	.3	1.7	1.0	.3								3.2	6.4
E	.3	1.5	1.8	.4								4.0	7.0
ESE	1.2	1.5	1.4	.3								4.4	5.7
SE	.4	2.5	1.8	.4								5.1	6.5
SSE	1.4	1.1	1.0	.3								3.7	5.7
S	1.2	3.7	2.8	.1								7.9	5.7
SSW	1.4	2.4	1.7	1.0	.4							6.8	7.3
SW	1.7	2.2	3.7	2.6	.4							10.7	8.4
WSW	.7	1.9	3.3	3.1	.7							9.7	9.5
W	.7	1.8	4.0	5.4	.8	.4						13.2	10.9
WNW	.5	1.1	1.9	1.8	.4	.6						6.4	10.8
NW		1.1	1.0	.4	.1							2.6	8.1
NNW	.3	.4	.4	.3								1.4	7.1
VARBL													
CALM												4.4	
	13.9	29.6	30.7	17.5	2.9	1.0						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27044 - IGGS A55 IX (EL PASO)
STATION STATION NAME

72-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.3	2.4	.4								3.3	5.6
NNE	1.4	1.5	1.7	.1								4.3	5.9
NE	.8	1.7	.3	.1								2.9	5.0
ENE	.8	.8	.4	.6								2.6	6.5
E	.8	2.2	1.9	.6								5.6	6.8
ESE	.3	.8	1.8	1.0								3.9	9.5
SE	1.8	1.2	1.0	.3								4.3	5.1
SSE	.4	1.3	.6	.1								2.9	6.0
S	.7	2.2	.3									3.2	4.8
SSW	.6	1.7	1.4	.6		.1						4.3	7.6
SW	1.7	2.8	4.0	1.8	.4	.1						10.8	7.9
WSW	.6	3.1	3.2	2.5	.4	.1						10.0	9.2
W	.7	1.7	4.2	5.4	2.8	.3						15.0	11.8
WNW	.1	1.4	3.9	2.8	.1	.1						8.6	9.9
NW		1.2	1.2	.4	.3							3.2	8.3
NNW	.1	.6	.6									1.2	8.2
VARBL													
CALM												8.7	
	11.7	29.0	28.7	16.7	4.0	1.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

720

GLOPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2744 WIGGS AAF TX (FL PA. 0)

72-79

NOV
MONTH

ALL WEATHER
CLASS

1000-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	6.7	1.2	1.0	.1							10.4	6.7
NNE	1.2	4.2	1.8									7.2	5.2
NE	1.2	4.2	.8									6.0	5.0
ENE	1.0	2.4	1.0	.3								4.6	5.4
E	1.5	3.3	2.4	.3								7.9	6.1
ESE	.6	1.7	.8	.3								3.6	6.1
SE	1.4	2.2	.6									4.2	4.2
SSE	.1	2.2	1.2									3.6	5.5
S	.8	3.9	1.8									6.5	5.6
SSW	.4	3.3	1.0	.3	.1							3.1	6.3
SW	.1	2.6	2.5	1.1	.3							6.7	3.1
WSW	.7	1.4	1.4	.8	.1	.1						4.6	7.6
W	.1	1.7	1.0	2.9	.9	.8						7.1	12.4
WNW	.1	1.1	3.6	1.7	.7	.1						7.5	10.2
NW	.4	1.1	.6	1.0	.1							3.2	8.0
NNW	.3	1.4	.7	.1								2.5	5.7
VARBL													
CALM												9.3	
	12.1	42.6	22.8	9.7	2.4	1.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044
STATION

IGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	7.2	4.2	.6	.1							13.9	5.2
NNE	2.5	6.8	2.1	.6								11.9	5.4
NE	1.1	4.6	1.2									6.9	5.6
ENE	1.7	3.5	.6	.3								6.6	5.0
E	1.2	3.2	1.0	.1								5.6	5.2
ESE	1.1	1.5	.3									2.9	4.3
SE	1.1	2.6	.6									4.3	4.7
SSE	.1	1.9	.8	.1								3.1	6.0
S	.7	3.5	1.4	.3								5.8	5.9
SSW	.7	1.4	1.1	.4								3.6	6.4
SW	.4	1.5	2.4	.8								5.1	7.7
WSW		.6	1.8	1.4								3.7	9.7
W	.4	.4	2.2	1.9	.4	.1						5.6	11.0
WNW	.4	.2	2.1	1.0	.4	.1						4.9	9.6
NW	.8	.7	.8	.7								3.1	7.0
NNW	1.0	1.0	.8	.1	.1							3.1	6.1
VARBL													
CALM												10.6	
	14.7	41.2	23.3	8.6	1.1	.7						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044 STATION HIGGS AAF TX (EL PASO) 77-79 YEARS NOV MONTH ALL HOURS [L.S.T.]

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	5.6	3.8	.8	.0							12.3	6.1
NNE	2.0	5.5	3.2	.3								11.1	5.7
NE	1.4	4.2	.7	.1								6.4	4.9
ENE	1.1	2.2	.6	.2								4.2	5.1
E	1.1	2.3	1.3	.3								5.0	5.7
ESE	.9	1.5	.9	.2								3.5	5.6
SE	1.1	2.2	.9	.1								4.3	5.3
SSE	.5	2.0	.9	.1								3.7	5.6
S	.8	3.5	2.1	.2								6.5	5.9
SSW	.8	2.2	1.4	.5	.1	.0						4.9	6.7
SW	.9	1.8	2.6	1.3	.2	.0						6.6	8.1
WSW	.5	1.3	1.8	1.4	.2	.1	.0	.0				5.3	9.2
W	.5	.8	2.0	2.6	.9	.3	.0					7.2	11.6
WNW	.3	.8	1.8	1.3	.4	.3						4.9	10.4
NW	.4	.8	.9	.4	.1	.1						2.6	7.8
NNW	.4	1.0	.6	.1	.0							2.1	5.7
VARBL													
CALM												9.5	
	14.6	37.6	25.5	9.9	1.9	.8	.1	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 5759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2744 BIGGS AAF TX (EL PASO)

72-79

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	5.1	3.9	1.1								12.4	6.2
NNE	3.1	9.0	.3	.1								14.6	4.8
NE	2.7	4.3	.9	.1								8.1	4.6
ENE	1.3	2.8	.5									4.7	4.7
E	1.5	3.6	.5	.3								5.9	5.0
ESE	.7	.8	.1									1.6	4.3
SE	.9	2.2	.5									3.7	4.9
SSE		.9	1.2									2.2	6.5
S	1.2	2.4	3.5	.1								7.3	6.1
SSW	.8	2.3	1.8	.5	.1							5.5	6.7
SW	1.2	1.1	1.5	.5	.1	.1						4.6	7.6
WSW	.4	.7	.8	.5	.1	.1						2.7	9.5
W		.9	.8	1.3	.1	.1	.1					3.4	11.6
WNW	.4	.7	1.1	1.8	1.5	.4						5.8	12.9
NW	.8	.5	.4	.5	.3							2.6	8.0
NNW	.7	.7	.3									1.6	4.7
VARBL													
CALM												13.5	
	18.1	38.0	20.2	7.0	2.3	.8	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27044
STATION

HIGGS AFB TX (EL PASO)
STATION NAME

72-79
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	5.5	6.3	.8								14.9	6.4
NNE	3.9	10.3	3.6									17.9	5.1
NE	2.4	4.3	.7									7.4	4.5
ENE	2.0	2.4	.5									5.0	4.3
E	1.3	1.2	.7		.1							5.4	5.0
ESE	.8	.9	.7	.1								2.6	5.4
SE	.9	1.7	.7									5.4	4.7
SSE	.3	2.0	1.5	.1								3.9	6.4
S	1.1	2.7	2.2	.1								6.0	5.9
SSW	.5	1.7	1.1									3.4	5.6
SW	.7	1.2	.8	.9								3.6	7.5
WSW	.1	1.2	.7	.5		.1						2.7	8.7
W	.3	.4	.7	1.1	.3	.5						3.2	12.3
WNW	.3	.3	.7	1.9	.9	.4						4.4	13.6
NW		.3		.9								1.2	11.0
NNW	.4	.5	.4									1.5	5.0
VARBL													
CALM												15.5	
	17.3	37.1	21.1	6.6	1.3	1.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2744
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0600
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	6.9	5.4	1.3								16.0	6.4
NNE	3.1	7.8	3.9									14.8	5.2
NE	2.4	4.4	1.7									8.6	4.8
ENE	1.5	1.6	.7	.4								4.2	5.5
E	1.1	2.2	.1									3.4	4.0
ESE	.7	.8	.1	.1								1.7	4.9
SE	1.2	2.2	.4									3.0	4.4
SSE	.3	.9	1.5	.1								2.8	6.5
S	.7	2.0	3.9	.3								6.9	6.9
SSW	1.1	.8	1.2	.3								3.4	6.0
SW	.5	.8	.5	.4								2.3	6.9
WSW	.4	.7	1.1	.1		.3						2.6	8.7
W	.5	.9	1.5	1.1	.7	.4						5.1	10.8
WNW	.3	.5	.8	.9	.8							3.4	10.8
NW	.4	.3	.3	.1	.1							1.2	7.4
NNW	.3	.1	.4									.8	5.5
VARBL													
CALM												19.2	
	16.8	32.9	23.5	5.2	1.6	.7						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27-44 STATION 11665 AAF TX (EL PASO) 72-79 YEARS DEC MONTH 0900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	5.5	5.8	2.0	.1							15.2	7.0
NNE	2.0	5.0	5.0	1.3								13.3	6.6
NE	1.7	2.2	.9									4.8	4.7
ENE	1.2	1.9	.3	.3	.1							3.8	5.6
E	1.1	1.6	.7		.1							3.5	5.2
ESE	.7	1.1	.5									2.3	5.0
SE	1.3	.9	.4	.1								2.8	4.7
SSE	.7	.7	1.1	.4								2.8	6.9
S	1.7	3.5	3.8	1.2	.3							10.5	7.0
SSW	1.6	1.7	2.2	.9								6.5	6.5
SW	1.1	1.3	.9	1.5	.1							5.0	8.2
WSW	.3	.4	1.5	3.0	.4		.1	.1				5.8	12.1
W	.7	.4	.0	2.3	1.3	.3						5.9	12.5
WNW	.3	.3	.4	1.7	.4							3.1	12.2
NW	.4	.3	.4	.1			.1					1.3	8.5
NNW	.5	.7	.7									1.9	5.7
VARBL													
CALM												11.5	
	17.1	27.4	25.4	14.9	3.0	.3	.3	.1				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27044 STATION 31665 AAF TX (EL PASO) STATION NAME 72-79 YEARS DEC MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	5.1	3.4	.7								10.6	6.3
NNE	1.1	2.6	3.0	1.2	.4							6.2	7.7
NE	.5	2.0	1.1	.1								3.8	5.6
ENE	.3	.9	.8	.3	.3							2.6	8.3
E	.9	1.2	.4	.3	.3							3.1	6.4
ESE	.7	.7	.4	.3								2.0	5.9
SE	.9	1.3	.5	.4								3.2	5.9
SSE	.9	.7	.5	.1								2.3	5.2
S	1.5	2.4	1.5	.1								5.5	5.5
SSW	1.5	3.9	3.0	.4	.1							8.9	6.2
SW	.8	2.6	4.0	3.9	.3	.1						12.0	9.0
WSW	.8	1.2	2.6	2.7	.8	.3	.1					6.5	10.7
W	.7	.9	2.6	4.2	1.7	.9	.1	.3				11.4	13.3
WNW	.3	1.7	1.2	1.7	.5	.7						6.2	11.4
NW	.4	.9	.9	1.2		.1						3.6	8.9
NNW	.5	.5	.9	.7								2.7	7.4
VARBL													
CALM												5.6	
	13.2	29.0	26.7	18.3	4.4	2.2	.3	.3				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23.44 STATION HIGGS AAF TX (EL PASO) 72-79 YEARS D.L.C. MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.6	3.6	.7								9.4	6.6
NNE	1.5	3.2	2.0	.7	.4							7.8	6.7
NE	.9	1.9	1.3	.3								4.4	6.0
ENE	.2	1.2	1.1	.1								3.2	6.0
E	.9	.8	1.1	.5	.1							3.5	7.2
ESE	.5	.7	1.3	.4								5.0	7.2
SE	1.1	.7	.4									2.2	4.6
SSE	.1	.5	.4	.1								1.2	6.9
S	.7	2.2	.7									3.5	5.2
SSW	.8	3.8	1.7	.5								6.9	6.0
SW	.8	3.2	4.8	1.9	.1	.1						11.0	8.0
WSW	.3	1.3	4.4	2.8	.8	.7	.3					10.6	11.4
W	.4	.9	4.4	3.0	2.2	.7						11.6	12.1
WNW	.3	.7	1.5	1.9	.8	.7						5.6	12.7
NW	.5	1.6	.8	.8		.3						4.0	7.9
NNW	.3	.9	1.1	.4								2.7	7.3
VARBL													
CALM												9.3	
	11.4	27.3	30.2	14.1	4.4	2.4	.3					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

27044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	7.7	2.7	.7								12.2	5.8
NNE	2.3	3.8	2.0	.1								8.2	5.3
NE	.7	3.0	.8	.7								5.1	6.2
ENE	.5	2.3	.7	.3								3.8	5.6
E	.5	1.3	1.2	.4								3.5	6.8
ESE	1.1	1.1	.5	.1								2.8	5.1
SE	1.1	1.7	.5	.1								3.5	4.7
SSE	.2	2.3	.9	.1								4.3	5.6
S	.8	3.5	1.7									6.1	5.7
SSW	.8	3.5	1.2	.1								5.8	5.5
SW	.8	3.6	1.7	.5								6.7	6.3
WSW	1.2	1.1	1.5	1.5	.8	.3	.1	.1				6.6	10.8
W	.3	1.3	1.7	2.0	1.1	.7						7.1	12.0
WNW	.7	.5	1.7	1.7	.8	.7						6.2	12.2
NW	.5	.0	1.2	.5	.3							3.5	8.0
NNW	.2	.0	.7	.5								3.1	6.3
VARBL													
CALM												11.4	
	15.1	38.1	21.0	9.6	3.0	1.6	.1	.1				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27046
STATION

PIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	5.6	5.1	.5								14.3	6.2
NNE	3.5	4.4	2.6	.1								15.6	5.1
NE	1.7	3.9	.4	.1								6.2	4.5
ENE	.8	2.4	.3	.3								3.8	5.0
E	1.3	2.2	1.2	.3								5.0	5.6
ESE	1.1	2.0	.5									3.6	4.7
SE	.8	2.3	.5									3.6	4.8
SSE	.4	1.2	.7	.3								2.6	5.9
S	.9	2.8	2.8	.3								6.9	6.2
SSW	.9	2.4	1.3	.5								5.2	6.2
SW	.7	1.5	2.3	1.3		.1						5.9	8.1
WSW	.1	.2	1.3	1.7	.1							4.2	7.7
W	.4	1.1	1.2	1.5	.8	.9						5.9	12.5
WNW	.3	.5	1.1	2.0	.9	.4						5.2	13.1
NW	.3	.7	.4	.3	.3							1.9	8.9
NNW	.5	1.3	.9	.4	.1							3.4	7.0
VARBL													
CALM												12.1	
	16.5	35.2	22.7	9.7	2.3	1.5						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	2.0	5.5	4.5	1.0	.0							13.1	6.4
NNE	2.6	5.8	3.0	.5	.1							11.9	5.6
NE	1.6	3.2	1.6	.2								6.1	5.0
ENE	1.1	1.9	.6	.2	.1							3.9	5.4
E	1.1	1.8	.7	.2	.1							3.9	5.6
ESE	.8	1.0	.5	.1								2.5	5.4
SE	1.0	1.6	.5	.1								3.3	4.8
SSE	.5	1.2	1.0	.2								2.9	6.2
S	1.1	2.7	2.5	.3	.0							6.6	6.2
SSW	1.0	2.5	1.7	.4	.0							5.7	6.1
SW	.8	1.9	2.1	1.4	.1	.1						6.4	7.9
WSW	.5	.9	1.7	1.6	.4	.2	.1	.0				5.4	10.7
W	.4	.9	1.7	2.1	1.0	.6	.0	.0				6.7	12.3
WNW	.3	.7	1.1	1.7	.8	.4						5.0	12.4
NW	.4	.7	.6	.6	.1	.1	.0					2.4	8.4
NNW	.5	.8	.7	.3	.0							2.2	6.4
VARBL													
CALM												12.3	
	15.7	33.1	23.9	10.7	2.8	1.3	.1	.1				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

5949

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27.44 STATION RIGGS AAF TX (EL PASO)

72-80 YEARS

ALL MONTH

ALL WEATHER CLASS

ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.0	3.0	.9	.2	.0						9.2	6.5
NNE	1.2	3.6	1.6	.4	.0	.0						7.2	5.6
NE	1.2	2.8	.9	.3	.2	.0						5.3	5.6
ENE	.6	1.9	.8	.3	.1	.0	.0					3.2	6.2
E	.9	2.1	1.6	.8	.1	.0						5.5	7.1
ESE	.6	1.9	1.5	.7	.0	.0	.0					4.9	6.9
SE	.9	2.4	1.0	.5	.0	.0						5.7	6.5
SSE	.5	1.9	1.7	.4	.0	.0						4.6	6.7
S	.9	3.6	3.2	.5	.0	.0	.0					8.3	6.6
SSW	.6	2.0	1.8	.5	.1	.0	.0					5.1	7.1
SW	.6	1.9	2.5	1.4	.2	.1	.0	.0				6.7	8.4
WSW	.4	1.2	2.0	2.0	.5	.2	.0	.0				6.5	10.5
W	.4	1.2	2.5	3.0	1.0	.5	.1	.0	.0			8.6	11.6
WNW	.3	.2	1.5	1.6	.6	.3	.0	.0				5.1	11.3
NW	.4	.8	.3	.4	.2	.1	.0	.0				2.7	8.6
NNW	.4	.2	.6	.2	.0	.0						2.0	6.4
VARBL													
CALM												8.8	
	11.8	32.9	28.0	14.0	3.2	1.2	.2	.0	.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

70076

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFI WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2044 STATION HIGGS AAF TX (EL PASO) 72-80 YEARS ALL MONTH
INSTRUMENT CLASS CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE.
CONDITION ALL HOURS (L.S.T.)
AND/OR VSBY 1/2 TO 2-1/2 MI W/ CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	6.7	8.9	3.2	.3	.2						23.0	8.2
NNE	2.3	5.3	4.3	1.8		.2						14.0	6.9
NE	1.2	3.0	2.3	1.2	.5	.2						8.3	7.7
ENE	.3	1.7	1.2	.3		.2						3.7	7.4
E	1.0	1.0	1.5	1.0	.3							4.8	8.0
ESE		.5	1.2		.2							1.8	8.3
SE	1.2	1.0	1.2									3.3	5.1
SSE	.8	1.7	1.0	.5								4.0	6.0
S	1.0	3.8	2.5									7.3	6.0
SSW	.5	1.8	.8		.2	.7	.3					4.3	10.8
SW	.2	.5	.7	.2	.2	.5						2.3	10.9
WSW		.5	.2	1.2		.2	.8	.8				4.0	20.4
W	.2	.2	.2	1.0	.5	1.3	1.3	.5	.2			5.3	23.2
WNW	.5	.2	.2	.2	.3			.2				1.5	12.0
NW	.2	.5	.2	.2	.3	.3	.2	.3				2.2	17.2
NNW	1.2	.7	.9									2.7	4.8
VARBL													
CALM												10.2	
	12.2	26.7	27.0	10.7	2.8	3.7	2.7	1.8	.2			100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 599

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record, prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

1. CLIMATE SECTION
2. DATE
3. REPORT SERVICE / AC

CEILING VERSUS VISIBILITY

STATION

STATION NAME

73-8

YEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1990-1991
HOURS: 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥0
NO CEILING ≥ 20000	4.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 18000	5.1	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
≥ 16000	5.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 14000	6.2	7.9	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
≥ 12000	6.3	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
≥ 10000	6.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
≥ 9000	6.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
≥ 8000	6.7	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 7000	6.7	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 6000	6.8	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
≥ 5000	6.8	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
≥ 4500	7.2	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
≥ 4000	7.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
≥ 3500	7.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 3000	7.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 2500	7.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
≥ 2000	7.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
≥ 1800	7.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 1500	7.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 1200	7.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 1000	7.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 900	7.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 800	7.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 700	7.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 600	7.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 500	7.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 400	7.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 300	7.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 200	7.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 100	7.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 0	7.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7

TOTAL NUMBER OF OBSERVATIONS 743

1. ALPHABETICALLY BY BRANCH
2. IAC
3. SPECIAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 1505 AAF BY (EL PASO)

73-80

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3500-7500
HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 6000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

PLANE CLIM. TOL. Y. RANCH
AF TLO
WEATHER SERVICE, MAC

CEILING VERSUS VISIBILITY

STATION 44 1000 APTX (LL PASO)

73-80

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

660-7800
HOURS 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.4	≥.3	≥.25	≥.20
NO CEILING	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥20000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥18000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥16000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥14000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥12000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥10000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥9000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥8000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥7000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥6000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥5000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥4500	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥4000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥3500	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥3000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥2500	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥2000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥1800	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥1500	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥1200	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥1000	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥900	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥800	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥700	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥600	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥500	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥400	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥300	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥200	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥100	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
0	67.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1

TOTAL NUMBER OF OBSERVATIONS

744

1. ALTIMETER BY PASSEN
2. ALTITUDE SERVICE / PAC

CEILING VERSUS VISIBILITY

4 44 1000 ASFT BY (CEL 1750)
STATION

75-80

YEARS

JA
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1100
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	5.2	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	74.9	74.9	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000	73.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0
≥ 16000	74.2	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	77.5	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
≥ 9000	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7
≥ 6000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
CLIMATE BRANCH
ATLANTA, GEORGIA

CEILING VERSUS VISIBILITY

STATION 44 (1155 AAF TX (EL PASO))

73-8

YEAR

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥16	≥1	≥0
NO CEILING	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 20000	74.9	75.0	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 18000	75.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	76.0	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 14000	76.7	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	77.0	77.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 10000	81.0	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	81.0	82.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 7000	83.0	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4500	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1500	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 900	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 800	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 700	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 600	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 500	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 400	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 300	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 200	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 100	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0

TOTAL NUMBER OF OBSERVATIONS 743

LOCAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2744
STATION

1005 247 IX (LL 7450)
STATION NAME

73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	66.9	67.1	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 20000	75.5	76.2	76.3	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	77.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 12000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 9000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 8000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 7000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 6000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 5000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

743

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH

ETAC

WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 44 1005 AAF IX (CL MAGG)

73-80

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-2000
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.10
NO CEILING	61.4	59.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 20000	54.1	76.9	75.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 18000	44.4	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 16000	39.9	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 14000	31.4	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 12000	22.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
IV 10000	13.7	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 9000	14.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 8000	15.1	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
IV 7000	16.9	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 6000	17.7	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 5000	19.2	51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 4500	20.1	52.7	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 4000	23.9	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 3500	24.9	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 3000	24.9	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 2500	25.7	58.1	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 2000	26.7	58.4	58.4	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 1800	26.7	58.4	58.4	58.4	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 1500	26.7	58.4	58.4	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 1200	26.7	58.4	58.4	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 1000	26.7	58.4	58.4	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 900	26.7	58.4	58.4	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 800	26.7	58.4	58.4	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 700	26.7	58.4	58.4	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 600	26.7	58.4	58.4	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 500	26.7	58.4	58.4	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 400	26.7	58.4	58.4	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 300	26.7	58.4	58.4	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 200	26.7	58.4	58.4	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 100	26.7	58.4	58.4	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 0	26.7	58.4	58.4	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE CLIMATE DIVISION
 1000 TAC
 1000 WEATHER SERVICE

CEILING VERSUS VISIBILITY

2744
 STATION

1000 AAF TX (EL 44.0)
 STATION NAME

73-5
 YEARS

JA
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	19.6	69.5	64.6	71.2	77.2	75.2	70.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 20000	13.5	75.1	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 18000	4.1	76.1	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	4.4	77.3	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000	6.4	78.8	77.9	79.4	77.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	6.5	81.3	81.5	82.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 10000	7.1	83.3	83.1	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 9000	7.0	84.1	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 8000	7.0	84.7	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000	7.1	86.2	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	7.3	87.8	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000	7.5	90.7	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	7.6	92.1	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	7.7	94.1	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	7.8	95.1	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	7.9	95.6	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	7.9	96.6	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	7.9	97.0	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	8.0	97.6	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	8.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	8.1	98.1	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	8.1	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	8.1	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	8.1	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	8.1	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	8.1	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	8.1	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	8.1	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	8.1	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	8.1	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	8.1	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	8.1	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

744

1. ALTIMETER BRANCH
 2. ALTITUDE SERVICE /-AC

CEILING VERSUS VISIBILITY

2 44
 STATION

1000 AAF 14 (FL 21 0)
 STATION NAME

70-00
 YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS / 24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 18000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 16000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 14000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 12000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 10000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 7000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 5000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 4000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 3000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2500	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 2000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1800	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 1500	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1200	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 1000	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 900	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 800	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 700	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 600	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 500	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 400	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 300	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 200	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 100	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 0	67.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1

TOTAL NUMBER OF OBSERVATIONS 5949

LOCAL CLIMATE DIVISION
 (AFAC)
 (AFAC) SE-VL/AFAC

CEILING VERSUS VISIBILITY

2 44
 STATION

AFAC TX (EL PASO)
 STATION NAME

73-0.

YEARS

FE
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-0200
 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	1.2	7.5	11.7	11.5	7.3	7.3	7.6	7.0	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
≥ 20000	6.5	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 18000	4.4	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 16000	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 14000	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 12000	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 10000	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 9000	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 8000	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 7000	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 6000	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 5000	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 4500	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 4000	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 3500	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 3000	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 2500	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 2000	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 1800	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 1500	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 1200	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 1000	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 900	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 800	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 700	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 600	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 500	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 400	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 300	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 200	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 100	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 0	6.7	2.4	8.5	2.6	8.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6

TOTAL NUMBER OF OBSERVATIONS 670

CEILING VERSUS VISIBILITY

STATION: 44 STATION NAME: 73-3. YEARS: MONTH: 1302-0501 HOURS: 151

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 20000	4.7	7.9	7.9	19.5	8.1	5.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
≥ 18000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 16000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 14000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 12000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 10000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 9000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 8000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 7000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 6000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 5000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 4500	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 4000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 3500	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 3000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 2500	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 2000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 1800	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 1500	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 1200	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 1000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 900	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 800	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 700	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 600	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 500	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 400	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 300	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 200	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 100	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1

TOTAL NUMBER OF OBSERVATIONS 678

F. 2.
 MONTH
 300-5571
 MOHS 1ST

[illegible]

678

CLIMATE CLIMATOLOGY BRANCH
SERVAC
FOR THE SERVICE / IAC

2 44 1000 AAF IX (EL PASO)
STATION STATION NAME

CEILING VERSUS VISIBILITY

73-8.

26

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3603-2200
HOURS 157

[illegible]

TOTAL NUMBER OF OBSERVATIONS_____672

USAF ETAC ^{FORM}_{JUL 64} 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. AL CLIMATOLOGY STATION
 2. DATE
 3. STATION SERVICE (A, B, C)

CEILING VERSUS VISIBILITY

4. STATION
 5. STATION NAME

70-60

YEARS

FEET
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

700-1100
 HOURS 1ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	73.0	73.0	73.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 18000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 16000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 14000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 12000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 10000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 9000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 8000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 7000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 6000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 5000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 4500	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 4000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 3500	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 3000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 2500	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 2000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 1800	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 1500	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 1200	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 1000	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 900	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 800	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 700	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 600	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 500	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 400	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 300	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 200	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 100	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9
IV 0	1.7	1.7	1.7	1.4	1.7	1.7	1.9	1.7	1.7	1.9	1.9	1.9	1.9	1.7	1.9	1.9

TOTAL NUMBER OF OBSERVATIONS

672

LOCAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 2 44 TUGU AAF TX (EL 94.0)

73-80

YES

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	72.1	72.2	72.4	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
≥ 20000	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 9000	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 8000	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 7000	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4500	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3500	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3000	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2500	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2000	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1800	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1500	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1200	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1000	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 900	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 800	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 700	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 600	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 500	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 400	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 300	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 200	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 100	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6

TOTAL NUMBER OF OBSERVATIONS 677

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY WATCH
 DATE 1960
 STATION NAME

CEILING VERSUS VISIBILITY

STATION 44
 STATION NAME

7-60

YEARS

FL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 20000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
IN 18000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 16000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 14000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 12000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 10000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 9000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 8000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 7000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 6000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 5000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 4500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 4000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 3500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 3000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 2500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 2000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 1800	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 1500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 1200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 1000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 900	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 800	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 700	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 600	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 400	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 300	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 100	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IN 0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 678

U.S. AIR FORCE
 10-14-5 (OL A)
 0-14-5 (OL A)

CEILING VERSUS VISIBILITY

STATION 2 44 STATION NAME 10000 AAF TX (ELL PASO) YEARS 73-80 MONTH FEB 1980-2000 HOURS 151

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO CEILING	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 18000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 16000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 14000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 12000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 10000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 9000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 8000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 7000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 6000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 5000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 4500	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 4000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 3500	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 3000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 2500	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 2000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 1800	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 1500	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 1200	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 1000	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 900	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 800	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 700	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 600	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 500	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 400	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 300	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 200	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 100	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 0	72.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4

TOTAL NUMBER OF OBSERVATIONS 677

U. S. AIR FORCE
CLIMATE SERVICE

CEILING VERSUS VISIBILITY

2 44
STATION

1005 AAF TX (EL PASO)
STATION NAME

23-40
YEARS

FL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.10	≥0
NO CEILING	77.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥20000	71.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 18000	71.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 16000	73.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 14000	73.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 12000	73.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 10000	75.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 9000	75.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 8000	76.4	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 7000	77.7	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 6000	79.1	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 5000	80.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 4500	80.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 4000	80.4	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 3500	80.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 3000	81.4	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2500	83.9	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2000	84.4	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	84.8	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1500	85.4	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	86.0	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	86.2	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	86.3	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	86.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	86.3	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	86.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	86.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	86.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	86.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	86.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	86.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	86.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

678

LOCAL CLIMATOLOGY BRANCH
USAF ETAC
WORLDWIDE SERVICE AREA

CEILING VERSUS VISIBILITY

STATION
Z 44

STATION NAME
1015 AAF TX (EL PASO)

YEARS
73-80

FL
MONT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	74.4	74.6	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 20000	74.3	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 18000	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 16000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 14000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 12000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 10000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 9000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 8000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 7000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 6000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 5000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 4500	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 4000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 3500	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 3000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 2500	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 2000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 1800	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 1500	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 1200	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 1000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 900	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 800	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 700	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 600	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 500	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 400	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 300	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 200	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 100	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3

TOTAL NUMBER OF OBSERVATIONS 5422

USAF ETAC
 0-14-5 (O: A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION 2 44 11000 AAF TX (EL PASO)

73-8

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-2400
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.4	≥.3	≥.25	≥.20
NO CEILING	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 20000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 12000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 8000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 6000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 5000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4500	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3500	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 2500	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 2000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1800	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1500	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1200	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 900	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 800	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 700	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 600	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 500	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 400	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 300	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 200	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 100	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 0	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC 0-14-5 (O: A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
 AIRCRAFT
 AIRCRAFT SERVICE/LOG

CEILING VERSUS VISIBILITY

2144
 STATION

1000 AAF TX (EL A00)
 STATION NAME

73-80
 YEARS

MAR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-1000
 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.125	≥.0625	≥.03125
NO CEILING	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 20000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 18000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 16000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 14000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 12000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 10000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 9000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 8000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 7000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 6000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 5000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 4500	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 4000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3500	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 2500	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 2000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 1800	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 1500	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 1200	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 1000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 900	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 800	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 700	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 600	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 500	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 400	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 300	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 200	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 100	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7

TOTAL NUMBER OF OBSERVATIONS

743

LOCAL CLIMATOLOGY BRANCH
 MONTHLY
 REPORT FOR SERVICE MAP

CEILING VERSUS VISIBILITY

2 44
 STATION

2000 AAF IX (EL 400)
 STATION NAME

73-81

YEARS

VA 7
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

650-0507
 HOURS EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.10	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING	76.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 20000	3.0	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 18000	4.9	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 16000	6.3	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 14000	7.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 12000	9.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 10000	1.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 9000	1.3	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	1.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 7000	2.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 6000	4.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	4.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4500	5.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	6.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	6.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	7.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	7.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	7.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	7.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	7.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	8.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	8.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	8.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	8.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	8.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	8.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	8.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	8.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	8.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	8.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	8.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	8.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 744

1. CLIMATE / -ARCH
2. METEO
3. CATER SEASON / -AC

CEILING VERSUS VISIBILITY

2 44 STATION 1000 AAF TX (EL 8450)

73-8

YEARS

1947
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9.1-11.0
HOURS 1ST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	71.1	74.1	79.1	79.2	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 20000	5.2	5.4	85.7	85.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 18000	15.4	16.5	86.5	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 16000	16.2	17.5	87.5	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 14000	17.5	18.4	88.6	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 12000	18.3	19.4	89.4	89.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 10000	18.4	19.4	91.4	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 9000	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 7000	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 5000	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4000	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 700	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 500	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 400	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 300	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 200	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 100	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 0	18.6	19.5	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2

TOTAL NUMBER OF OBSERVATIONS 745

AL CL MTCLOM FASHN
 105 711
 105 711 55 105 711

CEILING VERSUS VISIBILITY

2 44
 STATION

105 711 55 105 711
 STATION NAME

73-21

YEARS

MAJ
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12-3-1400
 HOURS (S)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	63.4	67.5	71.1	71.0	71.0	71.9	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	1.5	4.5	8.3	14.3	20.0	25.3	25.3	5.3	25.7	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 18000	2.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 16000	2.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 14000	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 12000	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 10000	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 9000	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 8000	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 7000	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 6000	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 5000	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 4500	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 4000	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 3500	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 3000	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 2500	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 2000	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 1800	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 1500	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 1200	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 1000	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 900	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 800	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 700	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 600	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 500	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 400	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 300	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 200	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 100	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 0	3.7	8.4	14.1	20.0	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9

TOTAL NUMBER OF OBSERVATIONS 744

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15.0-17.0
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	71.3	77.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 20000	1.3	3.3	4.3	4.3	5.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
IV 18000	1.3	4.1	4.1	5.2	5.1	6.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
IV 16000	2.5	4.5	4.5	5.6	5.5	6.7	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
IV 14000	3.6	5.6	5.6	6.7	6.6	7.8	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
IV 12000	6.7	8.6	8.6	9.7	9.6	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
IV 10000	7.2	9.2	9.2	10.3	10.2	11.4	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
IV 9000	7.9	9.9	9.9	11.0	10.9	12.1	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
IV 8000	8.3	10.3	10.3	11.4	11.3	12.5	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
IV 7000	8.7	10.7	10.7	11.8	11.7	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
IV 6000	9.1	11.1	11.1	12.2	12.1	13.3	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
IV 5000	9.5	11.5	11.5	12.6	12.5	13.7	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
IV 4500	9.9	11.9	11.9	13.0	12.9	14.1	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
IV 4000	10.3	12.3	12.3	13.4	13.3	14.5	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
IV 3500	10.7	12.7	12.7	13.8	13.7	14.9	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
IV 3000	11.1	13.1	13.1	14.2	14.1	15.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
IV 2500	11.5	13.5	13.5	14.6	14.5	15.7	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
IV 2000	11.9	13.9	13.9	15.0	14.9	16.1	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
IV 1800	12.3	14.3	14.3	15.4	15.3	16.5	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
IV 1500	12.7	14.7	14.7	15.8	15.7	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
IV 1200	13.1	15.1	15.1	16.2	16.1	17.3	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
IV 1000	13.5	15.5	15.5	16.6	16.5	17.7	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
IV 900	13.9	15.9	15.9	17.0	16.9	18.1	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
IV 800	14.3	16.3	16.3	17.4	17.3	18.5	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
IV 700	14.7	16.7	16.7	17.8	17.7	18.9	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
IV 600	15.1	17.1	17.1	18.2	18.1	19.3	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
IV 500	15.5	17.5	17.5	18.6	18.5	19.7	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
IV 400	15.9	17.9	17.9	19.0	18.9	20.1	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
IV 300	16.3	18.3	18.3	19.4	19.3	20.5	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
IV 200	16.7	18.7	18.7	19.8	19.7	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
IV 100	17.1	19.1	19.1	20.2	20.1	21.3	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
IV 0	17.5	19.5	19.5	20.6	20.5	21.7	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9

TOTAL NUMBER OF OBSERVATIONS

743

CEILING VERSUS VISIBILITY

STATION: 14 STATION NAME: (EL PASO) 7-8 YEARS: 1950-1959 MONTH: 12 HOURS: 151

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0	≥ 0
NO CEILING	71.1	77.7	73.7	70.5	77.9	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 20000	4.7	4.7	64.7	54.8	54.6	4.9	45.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
≥ 10000	1.3	4.7	84.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 16000	2.4	4.7	84.7	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 14000	4.1	4.7	84.7	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 12000	5.4	4.7	84.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 10000	7.3	91.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 9000	7.3	91.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 7000	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 6000	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 5000	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4500	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4000	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 600	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 400	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 300	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 200	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 100	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 0	8.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
 AIRCRAFT SERVICE / MAC

CEILING VERSUS VISIBILITY

STATION 7-44 STATION NAME 7-44 YEARS 1950-1951

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

100-2300
 HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	71.4	81.0	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 20000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 18000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 16000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 14000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 700	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 600	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 500	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 400	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 300	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 200	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 100	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 0	77.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1

TOTAL NUMBER OF OBSERVATIONS 744

1. ALTIMETER SERVICE

CEILING VERSUS VISIBILITY

2. 44

3. AAF BY (EL PASO)

73-9

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	70.2	77.7	77.7	76.1	75.4	75.4	75.5	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 20000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 18000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 16000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 14000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 12000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 10000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 9000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 8000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 7000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 6000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 5000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 4500	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 4000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 3500	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 3000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 2500	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 2000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 1800	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 1500	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 1200	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 1000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 900	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 800	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 700	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 600	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 500	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 400	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 300	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 200	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 100	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1

TOTAL NUMBER OF OBSERVATIONS 5949

USAF ETAC FORM 101-64 0 14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

USAF ETAC
FORM 14-5 (OL A)
PREVIOUS EDITIONS ARE OBSOLETE

STATION NAME
73-37

STATION
73-37

APR 1960

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0000
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ .05	≥ 0
NO CEILING	74.7	55.6	44.4	34.4	24.4	14.4	4.4	34.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 20000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 18000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 16000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 14000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 12000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 10000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 9000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 8000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 7000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 6000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 5000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 4500	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 4000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 3500	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 3000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 2500	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 2000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 1800	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 1500	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 1200	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 1000	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 900	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 800	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 700	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 600	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 500	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 400	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 300	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 200	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 100	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 0	77.7	57.7	47.7	37.7	27.7	17.7	7.7	37.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7

TOTAL NUMBER OF OBSERVATIONS 719

USAF ETAC FORM 14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY PARCH
 STATION NAME

CEILING VERSUS VISIBILITY

STATION 73-81 (EL 300)

73-81

YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5300-5000
 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	75.1	82.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 20000	75.1	82.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 18000	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 16000	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 14000	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 12000	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 10000	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 9000	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 8000	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 7000	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 6000	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 5000	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 4500	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 4000	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 3500	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 3000	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2500	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2000	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 1800	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 1500	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 1200	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 1000	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 900	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 800	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 700	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 600	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 500	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 400	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 300	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 200	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 100	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 0	•	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8

TOTAL NUMBER OF OBSERVATIONS 720

LOCAL CLIMATOLOGICAL RESEARCH
 ETAC
 NATIONAL SURVIVAL AGENCY

CEILING VERSUS VISIBILITY

STATION 44 DATE 1-10-64 (LL PASO) 73-51 YEARS MONTH ADP
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1600-1600 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	7.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 20000	7.1	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 18000	7.1	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 16000	7.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 14000	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 12000	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 10000	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 9000	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8000	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1000	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 900	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 800	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 700	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 600	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 500	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 400	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 300	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 200	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 100	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 0	7.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2

TOTAL NUMBER OF OBSERVATIONS 72 J

LOCAL CLIMATOLOGY WATCH
STATION
DATE: SERVICE/MAINT

CEILING VERSUS VISIBILITY

STATION

STATION NAME

73-81

YEARS

SP.

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100
HOURS LST

CEILING /FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING	2.6	3.2	3.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
≥ 20000	7.5	8.5	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
18000	5.1	5.7	5.9	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
16000	4.6	5.2	5.4	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
14000	4.1	4.7	4.9	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
12000	3.6	4.1	4.3	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
10000	3.1	3.6	3.8	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
9000	2.6	3.1	3.3	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
8000	2.1	2.6	2.8	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
7000	1.6	2.1	2.3	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
6000	1.1	1.6	1.8	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
5000	0.6	1.1	1.3	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
4500	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
4000	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
3500	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
3000	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2500	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2000	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1800	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1500	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1200	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1000	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
900	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
800	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
700	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
500	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
400	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
300	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
200	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
0	0.1	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS

712

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
 AIRCRAFT
 SERVICE AREA

CEILING VERSUS VISIBILITY

2 44
 STATION

105 AAF BY (LL PASO)
 STATION NAME

71-0
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	71.0	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 20000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 18000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 16000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 14000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 12000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 10000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 9000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 8000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 7000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 6000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 5000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 4500	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 4000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 3500	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 3000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 2500	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 2000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 1800	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 1500	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 1200	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 1000	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 900	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 800	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 700	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 600	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 500	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 400	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 300	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 200	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 100	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IV 0	61.3	51.4	41.7	31.8	21.9	11.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

TOTAL NUMBER OF OBSERVATIONS 720

1. NAME OF THE STATION
2. DATE
3. NAME OF THE OFFICER IN CHARGE

CEILING VERSUS VISIBILITY

2. 64 1. 1000 AAF TX (EL PASO)

75-8

AP-
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1510-1736
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	77.1	76.5	75.5	75.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
≥ 20000	5.1	7.5	67.9	37.9	92.5	76.5	83.5	73.5	78.5	89.5	29.5	89.5	29.6	88.6	79.6	2.6
≥ 18000	5.1	7.5	87.4	77.4	81.5	90.3	82.5	88.5	62.4	84.5	82.5	84.5	89.6	78.6	88.6	88.6
≥ 16000	5.1	7.5	67.4	38.4	77.6	88.6	88.6	88.6	82.6	88.6	66.5	88.6	88.7	88.7	88.7	88.7
≥ 14000	6.1	21.2	82.7	24.7	89.6	79.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7
≥ 12000	6.1	51.9	91.8	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 10000	6.1	52.2	92.4	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 9000	6.1	52.2	92.4	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 8000	6.1	53.3	93.4	94.0	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 7000	6.1	54.1	94.4	94.9	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 6000	6.1	95.0	96.4	96.9	97.9	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	6.1	96.9	96.9	97.4	97.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4500	6.1	96.9	96.9	97.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	6.1	96.7	97.1	97.6	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	6.1	96.7	97.1	97.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	6.1	96.9	97.7	97.6	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	6.1	96.9	97.4	97.8	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	6.1	97.1	97.1	97.9	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	6.1	97.1	97.9	97.9	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	6.1	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	6.1	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	6.1	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	6.1	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	6.1	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	6.1	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	6.1	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	6.1	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	6.1	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	6.1	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	6.1	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	6.1	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	6.1	97.4	97.8	98.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

712

CEILING VERSUS VISIBILITY

STATION: AFB TX (EL PASO) YEARS: 7-20 MONTH: APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1450-2000
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	76.4	79.4	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 20000	4.0	47.9	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 18000	4.0	47.9	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 16000	4.0	47.9	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 14000	5.0	44.2	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 12000	6.0	40.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 10000	7.0	37.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000	8.0	34.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 8000	9.0	31.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	10.0	28.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	11.0	25.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5000	12.0	22.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	13.0	19.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	14.0	16.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	15.0	13.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	16.0	10.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	17.0	7.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	18.0	4.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	19.0	1.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	20.0	0.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1200	21.0	0.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	22.0	0.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900	23.0	0.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 800	24.0	0.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 700	25.0	0.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 600	26.0	0.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 500	27.0	0.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 400	28.0	0.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 300	29.0	0.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 200	30.0	0.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 100	31.0	0.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 0	32.0	0.5	67.9	83.6	87.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6

TOTAL NUMBER OF OBSERVATIONS: 719

CEILING VERSUS VISIBILITY

AP.
MONTH

4150-2300
HOURS (ST)

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
 AIR FORCE
 AIR FORCE SERVICE/VAL

CEILING VERSUS VISIBILITY

2 44 STATION NAME
 STATION NAME

77-115

YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	17.1	1.2	81.4	1.5	81.7	1.7	81.7	1.7	81.7	1.8	81.7	1.3	81.3	1.1	81.8	1.3
≥ 3000	3.4	88.7	88.7	3.3	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 18000	3.7	88.7	88.7	3.6	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 16000	3.5	88.6	88.6	3.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 14000	4.3	88.1	88.3	4.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 12000	6.4	81.6	81.6	6.1	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 10000	7.3	87.7	87.7	7.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	8.7	83.7	83.7	8.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	8.3	84.3	84.3	8.0	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 7000	8.3	84.3	84.3	8.0	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 6000	8.3	84.3	84.3	8.0	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000	1.1	97.5	97.5	97.3	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4500	1.1	97.5	97.5	97.3	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 0	1.1	98.1	98.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 5756

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATE BY MONTH

STATION NAME

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

MAV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CODE - 0000
HOURS - 12

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 20000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 18000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 16000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 14000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 8000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2500	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1800	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1200	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1000	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 900	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 800	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 700	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 600	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 500	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 400	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 300	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 200	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 100	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 0	75.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7

TOTAL NUMBER OF OBSERVATIONS 744

LOCAL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/VAL

CEILING VERSUS VISIBILITY

STATION
44

STATION NAME
AF TX (LL FANG)

73-8

YEARS

MONTH
MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-2500
HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
≥ 20000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
≥ 18000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 16000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 14000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 12000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 10000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 9000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 8000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 7000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 6000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 5000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 4500	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 4000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 3500	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 3000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 2500	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 2000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 1800	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 1500	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 1200	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 1000	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 900	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 800	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 700	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 600	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 500	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 400	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 300	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 200	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 100	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1
IV 0	14.6	2.1	6.7	12.6	22.2	2.3	52.7	72.3	72.1	72.0	62.3	32.0	22.7	12.1	52.2	42.1

TOTAL NUMBER OF OBSERVATIONS 44

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

21044
STATION

DIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 18000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 16000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 14000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 12000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 10000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 9000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 8000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 7000	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 6000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 5000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 4500	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 4000	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 3500	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 3000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2500	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2000	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23144 BIGGS AAF TX (EL PASO)

73-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 20000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 18000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 16000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 14000	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 12000	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 10000	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 9000	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 8000	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 7000	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 6000	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 5000	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 4500	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 4000	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 3500	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 3000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2500	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2000	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1500	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21.44
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	78.0	76.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥20000	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥18000	69.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥16000	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥14000	90.2	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥12000	92.1	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥10000	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥9000	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥8000	93.5	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥7000	94.1	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥6000	96.0	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥5000	96.5	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥4500	96.6	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥4000	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥3500	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥3000	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥2500	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥2000	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1800	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1500	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

743

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27044
STATION

EIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	73.7	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 20000	87.5	87.9	88.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 18000	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 16000	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 14000	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 12000	90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 10000	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 9000	91.8	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 8000	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 7000	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 6000	96.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 5000	97.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 4500	97.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 4000	97.7	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 3500	97.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 3000	98.0	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2500	98.0	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2000	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1800	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1500	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	98.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23044
STATION

31065 AAF TX (EL PASO)
STATION NAME

73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	76.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 18000	84.9	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 16000	85.1	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 14000	85.9	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 12000	88.7	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 10000	90.3	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 9000	91.1	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 8000	92.3	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 7000	94.4	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 6000	95.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 5000	96.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 4500	96.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 4000	96.5	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 3500	96.6	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 3000	96.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2500	96.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2000	96.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	96.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1500	96.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	96.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	96.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	96.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	96.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	96.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	96.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	96.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	96.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATMOSPHERIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27044 BIGGS AAF TX (EL PASO)

73-80

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	72.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥20000	77.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥18000	77.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥16000	78.1	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥14000	79.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥12000	81.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥10000	82.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥9000	84.0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥8000	84.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥7000	86.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥6000	86.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥5000	87.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥4500	87.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥4000	87.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥3500	87.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥3000	87.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥2500	87.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥2000	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1800	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1500	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	87.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21044
STATION

GIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (151)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0
NO CEILING	76.2	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥20000	84.0	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 18000	84.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 16000	84.6	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 14000	85.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 12000	87.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 10000	88.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 9000	89.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 8000	90.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 7000	91.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 6000	92.6	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 5000	93.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 4500	93.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 4000	93.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 3500	93.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 3000	94.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 2500	94.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2000	94.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1800	94.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1500	94.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	94.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	94.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 5950

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23144
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	71.1	83.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥20000	74.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥18000	74.4	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥16000	74.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥14000	75.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥12000	79.4	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥10000	83.3	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥9000	81.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥8000	72.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥7000	84.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥6000	85.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥5000	86.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥4500	86.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥4000	86.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥3500	86.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥3000	86.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥2500	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥2000	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1800	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1500	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	86.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 20000	82.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 18000	82.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 16000	83.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 14000	84.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 12000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 10000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 9000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 8000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 7000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 6000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 5000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 4500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 4000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 3500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 3000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 718

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21044
STATION

21065 A/F TX (EL PASO)
STATION NAME

73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0
NO CEILING	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 20000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 18000	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 16000	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 14000	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 12000	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 10000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 9000	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 8000	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 7000	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 6000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 5000	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 4500	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 4000	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 3500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 3000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 2500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

719

USAF ETAC FORM 0-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27044
STATION

DIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	93.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥20000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥18000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥16000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥14000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥12000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥10000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥9000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥8000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥7000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥6000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥5000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥4500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥4000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥3500	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥3000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥2500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥2000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27044 SIGGS AAF TX (EL PASO)

73-80

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	97.2	90.2	90.7	90.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥20000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥18000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥16000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥14000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥12000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥10000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥8000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥7000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥6000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥5000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥4500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥4000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥3500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥3000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥2500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

717

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27044
STATION

ELGGG AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS CST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0
NO CEILING	80.1	80.1	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 20000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 18000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 16000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 14000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 12000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 10000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 9000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 8000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 7000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 6000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 5000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 4500	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 4000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3500	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1800	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1500	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1200	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1000	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 900	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 800	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 700	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 600	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 500	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 400	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 300	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 200	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 100	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 0	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7

TOTAL NUMBER OF OBSERVATIONS 719

UNCLASSIFIED

SECURITY CLASSIFICATION: (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Biggs AAF, El Paso, Texas It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over))																	

DD FORM 1473

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

SIG-AL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2244
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	74.3	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥20000	55.7	56.5	56.5	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IN 18000	45.7	56.5	56.5	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IN 16000	35.8	56.7	56.7	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IN 14000	17.4	56.2	56.2	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IN 12000	8.9	51.0	51.0	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IN 10000	40.3	52.2	52.2	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IN 9000	91.0	52.4	52.4	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IN 8000	57.9	54.4	54.4	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IN 7000	54.4	56.3	56.3	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IN 6000	56.9	58.8	58.8	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IN 5000	56.9	59.0	59.0	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IN 4500	56.9	59.0	59.0	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IN 4000	56.9	59.0	59.0	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IN 3500	56.9	59.0	59.0	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IN 3000	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 2500	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 2000	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 1800	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 1500	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 1200	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 1000	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 900	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 800	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 700	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 600	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 500	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 400	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 300	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 200	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 100	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IN 0	57.1	59.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23044 FIGGS AAF TX (EL PASO)

73-80

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS UT-1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	73.9	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 20000	77.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 18000	77.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	77.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 14000	78.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 12000	82.9	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 10000	93.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 9000	84.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 8000	86.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 7000	87.5	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000	88.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 5000	88.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	88.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	88.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27044
STATION

LIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	81.0	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 20000	86.0	86.0	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 18000	86.1	88.9	89.3	89.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 16000	86.3	89.2	89.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 14000	87.5	90.5	91.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 12000	89.4	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 10000	91.0	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 9000	91.4	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 8000	92.4	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 7000	93.5	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
IV 6000	94.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 5000	94.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 4500	94.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 4000	95.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 3500	95.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 3000	95.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 2500	95.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 2000	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

5752

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2744
STATION

21665 AAF TX (EL PA50)
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-C200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	54.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥20000	59.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 18000	59.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 16000	59.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 14000	61.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 12000	68.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 10000	72.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 9000	75.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 8000	78.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 7000	79.2	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 6000	81.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 5000	81.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 4500	82.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 4000	83.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 3500	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 3000	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2500	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2000	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1800	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 200	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 100	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 0	83.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20044
STATION

RIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0600
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-10	≥4	≥0
NO CEILING	61.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 20000	67.5	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 18000	67.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 16000	68.4	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 14000	70.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 12000	75.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 10000	79.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 9000	81.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 8000	84.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 7000	85.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 6000	86.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 5000	87.4	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 4500	87.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 4000	88.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 3500	88.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 3000	88.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 2500	88.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 2000	88.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	88.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1500	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	88.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2144 WIGGS AAF TX (EL PASO)
STATION STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0800
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-10	≥¼	≥0
NO CEILING	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥20000	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥18000	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 16000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 14000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 12000	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 10000	88.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 9000	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 8000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 7000	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 6000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 5000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 4500	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 4000	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 3500	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 3000	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2500	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 2000	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1800	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1500	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23044
STATION

WIGGS AAF TX (EL PASO)
STATION NAME

73-83
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥20000	74.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
WV 18000	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
WV 16000	81.7	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
WV 14000	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
WV 12000	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
WV 10000	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
WV 9000	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
WV 8000	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
WV 7000	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
WV 6000	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
WV 5000	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
WV 4500	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
WV 4000	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
WV 3500	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
WV 3000	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
WV 2500	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
WV 2000	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
WV 1800	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
WV 1500	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
WV 1200	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
WV 1000	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
WV 900	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
WV 800	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
WV 700	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
WV 600	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
WV 500	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 400	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 300	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 200	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 100	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 0	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

27044
STATION

WIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	¼	≥0
NO CEILING	58.3	68.3	68.3	69.3	69.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
W 16000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
W 14000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
W 12000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
W 10000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
W 9000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
W 8000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
W 7000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
W 6000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
W 5000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
W 4500	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
W 4000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
W 3500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
W 3000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
W 2500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
W 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

CIGAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 12000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 9000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 8000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 7000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 6000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 5000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21044
STATION

WIGGS AFB TX (EL PASO)
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥20000	73.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥18000	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥16000	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥14000	72.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥12000	81.2	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥10000	84.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥9000	85.9	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥8000	89.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥7000	91.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥6000	95.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥5000	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥4500	97.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥4000	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥3500	97.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥3000	97.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥2500	97.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥2000	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1800	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1500	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	97.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

27044
STATION

81665 AAF TX (EL PASO)
SITE

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥1	≥0
NO CEILING	51.8	58.8	58.8	58.8	58.8	58.8	58.9	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 20000	59.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IN 18000	59.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IN 16000	60.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IN 14000	62.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IN 12000	69.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IN 10000	71.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IN 9000	73.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IN 8000	76.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IN 7000	77.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IN 6000	81.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IN 5000	82.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IN 4500	82.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IN 4000	82.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IN 3500	83.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 3000	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 2500	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 2000	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 1800	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 1500	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 1200	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 1000	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 900	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 800	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 700	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 600	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 500	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 400	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 300	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 200	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 100	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 0	83.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

743

LOCAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21644
STATION

11666 AAF IX (EL PASO)
STATION NAME

73-83
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (151)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	67.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥20000	79.0	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥18000	70.4	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥16000	70.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥14000	72.0	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥12000	74.5	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥10000	82.1	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥9000	83.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥8000	85.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥7000	87.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥6000	90.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥5000	91.7	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥4500	92.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥4000	92.8	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥3500	93.1	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥3000	93.0	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥2500	93.7	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥2000	93.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥1800	93.8	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1500	93.8	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1200	93.8	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1000	93.8	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥900	93.8	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥800	93.8	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥700	93.8	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥600	93.8	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥500	93.8	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	93.8	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	93.8	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	93.8	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	93.8	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	93.8	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27044
STATION

DIJGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0
NO CEILING	56.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 20000	60.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 18000	60.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 16000	60.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 14000	62.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 12000	67.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 10000	72.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 9500	71.9	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 8000	75.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000	77.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	79.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	80.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500	81.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4000	82.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	82.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	82.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	82.2	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	82.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

743

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLERICAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23044
STATION

SIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	64.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
≥20000	67.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
IV 18000	67.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
IV 16000	67.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
IV 14000	69.9	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0
IV 12000	74.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
IV 10000	79.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0
IV 9000	80.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
IV 8000	82.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
IV 7000	83.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8
IV 6000	84.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0
IV 5000	85.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 4500	85.6	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
IV 4000	85.6	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 3500	85.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 3000	85.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
IV 2500	86.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 2000	86.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
IV 1800	86.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
IV 1500	86.4	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	86.4	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	86.6	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	86.6	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	86.6	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	86.6	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	86.6	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	86.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	86.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	86.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	86.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	86.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	86.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 20000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 18000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 16000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 14000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 12000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 9000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 8000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 7000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 5000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4500	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	79.2	79.4	79.4	79.4	77.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥20000	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 18000	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 16000	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 14000	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 12000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 10000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 9000	93.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 8000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 7000	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 6000	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 5000	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 4500	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 4000	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 3500	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 3000	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 2500	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2000	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1800	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1500	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATA WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27144
STATION

WIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 20000	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 16000	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 12000	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 10000	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 9000	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 5000	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4000	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3500	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23044
STATION

PIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼
NO CEILING	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥20000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
18000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
16000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
14000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
12000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
10000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
9000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
8000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
7000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
6000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
5000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
4500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
4000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
3500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
3000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
900	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

743

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21044
STATION

21665 AAF TX (EL PASO)
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	58.8	60.2	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000	70.0	72.6	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 18000	70.0	72.6	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 16000	71.1	73.1	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 14000	72.3	74.5	74.6	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 12000	79.5	81.8	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 10000	83.1	85.8	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 9000	84.9	87.6	87.7	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 8000	87.8	90.7	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 7000	90.0	93.9	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 6000	92.7	96.5	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 5000	93.9	97.8	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 4500	94.3	98.2	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 4000	94.7	98.7	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 3500	94.7	98.8	99.1	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 3000	95.1	99.2	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2500	95.1	99.2	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2000	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

22044
STATION

WIGGS AAF TX (EL PASO)
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	¾	≥0
NO CEIL. ≥ 20000	54.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.7
≥ 18000	58.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.2
≥ 16000	59.3	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.2
≥ 14000	61.0	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.2
≥ 12000	66.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.9
≥ 10000	70.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.9
≥ 9000	72.2	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.3
≥ 8000	73.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.7
≥ 7000	76.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	94.1
≥ 6000	78.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	96.0
≥ 5000	79.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.7
≥ 4500	80.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.5
≥ 4000	81.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6
≥ 3500	81.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6
≥ 3000	81.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7
≥ 2500	81.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7
≥ 2000	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 1800	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 1500	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 1200	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 1000	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 900	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 800	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 700	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 600	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 500	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 400	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 300	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 200	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 100	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 0	81.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27044
STATION

SIGGS AAF TX (EL PASO)
STATION NAME

73-89
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0
NO CEILING	55.3	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥20000	72.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2
≥18000	72.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2
≥16000	72.5	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5
≥14000	74.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3
≥12000	79.5	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥10000	82.9	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥9000	84.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥8000	85.9	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥7000	88.2	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥6000	89.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥5000	91.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5
≥4500	91.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.9
≥4000	92.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥3500	92.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥3000	92.5	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥2500	92.7	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥2000	92.8	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥1800	92.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥1500	92.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥1200	93.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥1000	93.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥900	93.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥800	93.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥700	93.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥600	93.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥500	93.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥400	93.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥300	93.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥200	93.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥100	93.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥0	93.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9

TOTAL NUMBER OF OBSERVATIONS 5944

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23044
STATION

21003 AAF TX (EL PASO)
STATION NAME

72-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	57.6	68.5	68.5	68.5	63.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 20000	60.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
WV 18000	60.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
WV 16000	60.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
WV 14000	62.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
WV 12000	67.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
WV 10000	69.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
WV 9000	70.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
WV 8000	72.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
WV 7000	72.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
WV 6000	75.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
WV 5000	76.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
WV 4500	76.4	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
WV 4000	77.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
WV 3500	77.6	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
WV 3000	78.6	94.3	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
WV 2500	79.9	96.1	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
WV 2000	80.4	97.2	97.9	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
WV 1800	80.4	97.2	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
WV 1500	80.4	97.6	98.0	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
WV 1200	80.4	97.9	98.9	99.0	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
WV 1000	80.4	97.9	98.9	99.0	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
WV 900	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 800	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 700	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 600	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 500	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 400	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 300	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 200	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 100	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
WV 0	80.4	98.1	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

OFFICIAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.44
STATION

WIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	67.3	69.2	67.3	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥20000	61.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 18000	61.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 16000	61.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 14000	62.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 12000	66.9	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 10000	69.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 9000	70.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 8000	71.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 7000	71.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 6000	73.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 5000	74.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4500	75.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 4000	76.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3500	77.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3000	77.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2500	79.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 2000	79.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	79.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1500	79.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1200	79.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	79.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 900	79.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	79.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	79.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	79.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	79.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	79.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 300	79.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 200	79.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 100	79.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 0	79.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27044
STATION

LIJGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0650-0800
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	57.6	68.5	68.6	68.6	69.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 20000	70.8	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 18000	71.1	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 16000	71.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 14000	72.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	77.1	78.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 10000	79.7	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	81.1	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	82.6	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 7000	82.5	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 6000	85.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	86.8	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	87.5	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4000	88.5	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500	89.1	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	90.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	91.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	94.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	94.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	95.3	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	95.4	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	95.7	98.6	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	95.7	98.8	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	95.7	98.8	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	95.7	98.8	98.8	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	95.7	98.8	98.8	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.7	98.8	98.8	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.7	98.8	98.8	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	95.7	98.8	98.8	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	95.7	98.8	98.8	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	95.7	98.8	98.8	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	95.7	98.8	98.8	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21.44
STATION

STIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3900-1100
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	71.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥20000	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥18000	74.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥16000	75.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥14000	76.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥12000	79.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥10000	81.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥9000	81.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥8000	82.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥7000	84.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥6000	85.4	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥5000	86.4	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥4500	87.2	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥4000	88.1	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥3500	89.3	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥3000	90.4	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥2500	91.9	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥2000	93.6	95.7	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥1800	93.9	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥1500	95.1	97.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥1200	95.3	98.1	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥1000	95.4	98.3	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥900	95.4	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥800	95.4	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥700	95.7	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥600	95.7	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥500	95.7	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥400	95.7	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥300	95.7	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥200	95.7	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥100	95.7	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥0	95.7	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

720

GENERAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2004
STATION

1605 AAF TX (EL PASO)
STATION NAME

72-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 16000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 14000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 9000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 6000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4500	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 3500	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1800	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1500	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1200	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 900	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 800	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 700	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 600	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 500	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 400	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 300	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 200	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 100	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.44
STATION

WINGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS CST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥5-16	≥0
NO CEILING	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 20000	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 15000	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 9000	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 6000	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5000	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH
USAF ETAC
AFM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2.44
STATION

DISG. AAF TX (EL PASO)

STATION NAME

12-70

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	65.5	67.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥20000	72.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥18000	72.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥16000	73.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥14000	74.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥12000	76.9	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥10000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥9000	83.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥8000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥7000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥6000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥5000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥4500	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥4000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥3500	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥3000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥2500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥2000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥1800	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥1500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21044
STATION

DISGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-10	≥4	≥0
NO CEILING	58.5	56.3	66.7	58.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥20000	51.7	73.7	77.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥18000	61.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 16000	62.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 14000	63.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 12000	70.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 10000	74.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 9000	75.0	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 8000	76.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 7000	77.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 6000	75.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 5000	80.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 4500	80.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 4000	80.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 3500	81.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 3000	83.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 2500	83.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 2000	83.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1800	83.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	83.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	83.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	83.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	83.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	83.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	83.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	83.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	83.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	83.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	83.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	83.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	83.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	83.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
WCAP/TAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.44 61565 AAF TX (EL PASO)
STATION

72-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	65.2	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥20000	69.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥18000	69.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥16000	70.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥14000	71.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥12000	75.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥10000	77.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥9000	78.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥8000	80.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥7000	81.7	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥6000	82.4	88.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥5000	84.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥4500	84.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥4000	85.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥3500	86.6	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥3000	87.9	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥2500	89.1	96.3	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥2000	90.1	97.5	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥1800	90.1	97.8	98.0	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1500	90.4	98.3	98.6	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥1200	90.9	98.4	98.7	99.0	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥1000	90.9	98.5	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥900	91.0	98.6	98.9	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥800	90.9	98.6	98.9	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥700	90.9	98.7	99.0	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥600	90.9	98.7	99.0	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥500	90.9	98.7	99.0	99.2	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥400	90.9	98.7	99.0	99.2	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	90.9	98.7	99.0	99.2	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	90.9	98.7	99.0	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	90.9	98.7	99.0	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	90.9	98.7	99.0	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5759

CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

2744
STATION

57665 AAF TX (EL PASO)
STATION NAME

72-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	65.5	79.2	79.2	74.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 20000	67.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 18000	67.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 16000	67.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 14000	67.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 12000	69.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 10000	71.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 9000	71.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 8000	73.2	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 7000	73.5	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 6000	74.1	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 5000	74.9	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 4500	75.1	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 4000	75.1	94.9	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 3500	75.7	96.1	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 3000	76.1	96.6	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 2500	76.1	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 2000	76.1	97.7	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	76.1	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	76.1	98.0	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	76.1	98.1	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	76.1	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	76.1	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	76.1	98.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	76.1	98.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	76.1	98.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	76.1	98.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	76.1	98.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	76.1	98.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	76.1	98.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	76.1	98.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	76.1	98.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2744
STATION

1065 AAF TX (EL PASO)
STATION NAME

72-79
YEARS

001
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	66.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 20000	68.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 18000	68.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 16000	68.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 14000	68.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 12000	70.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 10000	71.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 9000	71.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 8000	72.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 7000	72.9	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 6000	73.9	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 5000	74.4	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 4500	74.7	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 4000	74.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 3500	75.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 3000	76.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2500	76.3	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2000	76.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1800	76.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	76.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	76.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	76.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	76.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	76.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	76.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	76.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	76.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	76.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	76.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	76.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	76.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	76.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2544
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

OCI
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	79.4	83.1	87.7	89.2	89.2	89.2	89.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 20000	83.3	83.8	84.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 18000	83.3	83.8	84.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 16000	83.4	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 14000	84.1	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 12000	85.6	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 10000	87.1	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 9000	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 8000	89.2	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 7000	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 6000	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 5000	91.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 4500	91.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 4000	92.6	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 3500	92.7	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 3000	92.6	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2500	93.3	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2000	93.7	95.7	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1800	94.1	96.1	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1500	94.2	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	94.2	96.8	96.9	97.0	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1000	94.0	97.3	97.4	97.4	97.7	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 900	94.7	97.4	97.6	97.7	97.8	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 800	94.7	97.7	97.6	98.0	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	95.1	98.1	98.2	98.4	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	95.1	98.1	98.2	98.4	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	95.1	98.0	98.7	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	95.1	98.7	98.8	98.9	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	95.1	98.7	98.8	98.9	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.1	98.7	98.9	99.0	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.1	98.7	98.9	99.0	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.1	98.7	98.9	99.0	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 742

JUNIOR CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27044
STATION

IGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	79.9	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0
≥ 20000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
≥ 18000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 16000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 14000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 12000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 10000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 9000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 8000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 7000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 6000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 5000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 4500	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 4000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 3500	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 3000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 2500	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 2000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 1800	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 1500	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 1200	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 1000	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 900	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 800	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 700	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 600	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 500	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 400	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 300	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 200	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 100	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 0	83.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2:44
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS - LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 20000	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 18000	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 16000	85.6	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 14000	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 12000	88.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 10000	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 9000	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 8000	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	91.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 5000	92.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4500	93.0	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	93.6	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	94.6	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	95.0	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	95.7	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	96.2	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	96.2	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	97.2	98.5	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	97.6	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	97.7	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	97.8	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.8	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.8	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.8	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.8	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.8	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.8	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.8	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 741

USAF ETAC 109M JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27044
STATION

HIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥5	≥0
NO CEILING	51.7	81.2	81.2	81.3	81.6	81.6	81.6	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 20000	66.8	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
18000	67.0	87.1	87.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
16000	17.9	87.6	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
14000	7.9	87.9	87.9	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
12000	29.0	89.1	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
10000	90.6	90.7	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
9000	90.7	90.9	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
8000	11.8	92.2	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
7000	93.1	93.4	93.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
6000	93.7	94.1	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
5000	94.8	95.2	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
4500	95.0	95.4	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
4000	95.8	96.2	96.4	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
3500	96.4	96.8	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
3000	96.3	97.2	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
2500	97.1	98.0	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
2000	98.4	99.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1800	98.4	99.1	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1500	98.4	99.1	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1200	98.5	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	98.5	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	98.5	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	98.5	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	98.5	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	98.5	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	98.5	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	98.5	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	98.5	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	98.5	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	98.5	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.5	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27044
STATION

WIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	74.3	80.2	80.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 20000	78.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
WV 18000	78.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
WV 16000	79.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
WV 14000	79.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
WV 12000	81.8	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
WV 10000	83.5	89.9	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
WV 9000	83.6	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
WV 8000	84.1	91.4	91.5	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
WV 7000	84.4	92.1	92.2	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
WV 6000	85.3	93.9	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
WV 5000	85.6	94.0	94.5	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
WV 4500	86.1	95.0	96.0	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
WV 4000	86.7	96.1	96.2	96.5	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
WV 3500	87.2	96.0	96.9	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
WV 3000	87.3	96.9	97.0	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
WV 2500	87.4	97.3	97.7	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
WV 2000	87.5	98.0	98.7	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
WV 1800	87.6	98.1	98.8	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
WV 1500	87.6	98.4	99.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
WV 1200	87.6	98.5	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
WV 1000	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 900	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 800	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 700	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 600	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 500	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 400	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 300	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 200	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 100	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WV 0	87.6	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

743

USAF ETAC FORM 11-64 D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOINT CLIMATOLOGY BRANCH
JCAFFAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27044
STATION

SIGGS AAF TX (EL FASO)
STATION NAME

12-70
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	67.7	84.8	81.2	80.8	83.6	83.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 20000	70.8	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 18000	71.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 16000	71.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 14000	72.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 12000	73.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000	74.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 9000	75.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	75.9	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 7000	75.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	77.4	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 5000	78.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4500	79.2	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4000	78.2	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	78.4	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3000	78.4	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	78.4	96.8	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	78.4	97.6	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	78.4	97.6	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	78.4	97.6	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	78.4	97.6	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	78.4	97.6	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	78.4	97.7	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	78.4	97.7	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	78.4	97.7	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	78.4	97.7	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	78.4	97.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	78.4	97.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	78.4	97.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	78.4	97.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	78.4	97.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	78.4	97.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 044
STATION

WUGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

001
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (24 H)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	74.5	80.5	81.6	80.0	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
≥20000	78.1	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥18000	78.1	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥16000	78.4	84.7	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
≥14000	79.1	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥12000	80.6	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥10000	1.9	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥9000	52.2	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥8000	61.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥7000	63.0	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥6000	61.7	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥5000	65.3	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥4500	65.7	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥4000	66.1	94.9	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥3500	66.6	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥3000	67.0	96.1	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥2500	67.3	96.7	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥2000	67.8	97.6	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥1800	67.1	97.8	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥1500	68.1	98.1	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥1200	68.2	98.2	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥1000	68.1	98.3	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥900	68.1	98.4	98.9	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥800	68.3	98.5	99.0	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥700	68.4	98.5	99.1	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥600	68.4	98.5	99.1	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥500	68.4	98.6	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥400	68.4	98.6	99.2	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥300	68.4	98.7	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥200	68.4	98.7	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥100	68.4	98.7	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥0	68.4	98.7	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 5940

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
WASH DC
AIR WEATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

21-44
STATION

13005 AAF TX (EL PASO)
STATION NAME

72-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING (≥ 2000)	14.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0
18000	16.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2
16000	16.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5
14000	17.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7
12000	18.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7
10000	65.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5
9000	66.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8
8000	69.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9
7000	71.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7
6000	71.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3
5000	71.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3
4500	71.6	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7
4000	71.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0
3500	72.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1
3000	72.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4
2500	72.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8
2000	73.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6
1800	73.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8
1500	73.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9
1200	73.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2
1000	73.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2
900	73.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2
800	73.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5
700	73.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5
600	73.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5
500	73.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7
400	73.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
300	73.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
200	73.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
100	73.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
0	73.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 719

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.44
STATION

1065 AAF TX (EL PASO)
STATION NAME

72-79
YEARS

NGV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0
NO CEILING	65.0	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2
≥20000	65.0	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2
≥18000	66.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4
≥16000	66.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5
≥14000	67.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6
≥12000	67.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5
≥10000	68.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0
≥9000	68.8	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9
≥8000	69.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3
≥7000	69.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3
≥6000	71.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3
≥5000	72.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4
≥4500	72.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0
≥4000	72.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0
≥3500	72.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0
≥3000	73.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7
≥2500	73.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3
≥2000	74.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥1800	74.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥1500	74.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2
≥1200	74.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2
≥1000	74.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5
≥900	74.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5
≥800	74.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6
≥700	74.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6
≥600	74.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6
≥500	74.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6
≥400	74.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6
≥300	74.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6
≥200	74.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6
≥100	74.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6
≥0	74.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFN WEATHER SERVICE/MAI

CEILING VERSUS VISIBILITY

22-44
STATION

WIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	74.3	81.6	87.8	90.8	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.3
≥ 20000	80.0	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.1
IV 18000	81.1	82.9	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.2
IV 16000	81.6	82.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.6
IV 14000	82.2	84.6	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.3
IV 12000	84.2	86.5	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.2
IV 10000	85.1	87.5	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.2
IV 9000	85.8	88.2	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.9
IV 8000	86.4	88.5	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4
IV 7000	87.2	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.3
IV 6000	89.7	92.1	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.9
IV 5000	90.4	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.6
IV 4500	91.1	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.3
IV 4000	91.7	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.9
IV 3500	91.8	94.3	94.7	94.7	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1
IV 3000	92.9	95.1	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.4
IV 2500	92.0	95.6	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.7
IV 2000	93.3	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.4
IV 1800	94.2	97.2	97.5	97.6	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.3
IV 1500	94.4	97.6	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.8
IV 1200	94.6	97.8	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 1000	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 900	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 800	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 700	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 600	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 500	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 400	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 300	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 200	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 100	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 0	94.6	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2.44
STATION

LIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6930-1100
HOURS (EST)

CEILING -FEET-	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	75.8	76.9	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 20000	81.4	81.9	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 18000	81.7	81.9	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 16000	81.2	82.3	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 14000	82.8	83.9	84.4	84.4	84.7	84.7	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 12000	84.7	85.8	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 10000	85.7	86.8	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 9000	86.4	87.9	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 8000	86.8	87.9	88.5	88.5	88.7	88.7	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 7000	87.3	88.6	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 6000	88.2	89.4	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 5000	88.7	90.0	90.5	90.5	90.8	90.8	90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 4500	89.4	90.7	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4000	90.7	91.9	92.5	92.5	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3500	91.3	93.0	93.6	93.6	93.9	93.9	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 3000	93.2	94.7	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2500	93.9	95.4	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 2000	94.6	96.4	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1800	95.3	96.8	97.4	97.4	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	95.5	97.1	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 300	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 200	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 100	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 0	95.7	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

2044
STATION

LIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1250-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	79.9	80.7	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥20000	34.4	85.3	86.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IN 18000	84.4	85.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IN 16000	84.7	85.6	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IN 14000	85.3	85.9	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IN 12000	85.5	87.4	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IN 10000	86.9	87.8	88.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IN 9000	86.9	87.6	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IN 8000	87.2	88.1	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IN 7000	87.6	88.5	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IN 6000	89.3	90.1	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IN 5000	90.6	91.4	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IN 4500	91.4	92.2	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
IN 4000	92.5	93.3	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
IN 3500	92.9	93.8	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9
IN 3000	93.9	94.9	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0
IN 2500	95.4	96.7	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
IN 2000	96.1	97.4	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
IN 1800	96.3	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8
IN 1500	96.7	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8
IN 1200	96.3	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9
IN 1000	96.5	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
IN 900	96.5	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
IN 800	96.5	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
IN 700	96.5	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.6
IN 600	96.5	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.6
IN 500	96.5	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7
IN 400	96.5	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.9
IN 300	96.5	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0
IN 200	96.5	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0
IN 100	96.5	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0
IN 0	96.5	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 726

ALCOA CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27-44
STATION

1065 AAF TX (EL PASO)
STATION NAME

72-70
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥.	≥0
NO CEILING	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 20000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 18000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 16000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 14000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 12000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 10000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 9000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 7000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 6000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 5000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4500	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1200	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1000	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 900	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 800	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 700	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 600	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 500	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 400	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 300	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 200	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 100	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 0	82.9	83.9	84.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3

TOTAL NUMBER OF OBSERVATIONS 719

LOCAL CLIMATOLOGY BRANCH
WAFB/TAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2144
STATION

1305 AAF TX (EL PASO)
STATION NAME

72-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥	≥0
NO CEILING	76.4	85.7	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥20000	78.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 18000	79.3	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 16000	79.3	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 14000	79.4	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 12000	80.6	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 10000	81.3	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 9000	81.3	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 8000	82.3	92.1	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 7000	83.3	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 6000	84.9	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 5000	84.9	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 4500	86.1	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 4000	86.3	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 3500	86.5	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 3000	86.5	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 2500	86.9	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 2000	86.9	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1800	86.9	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	87.1	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	87.1	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	87.1	98.3	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	87.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	87.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	87.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	87.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	87.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	87.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	87.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	87.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	87.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	87.1	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21 44 1100 AAF TY (EL PASO)

72-79

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥10	≥	≥0
NO CEILING	66.7	83.0	84.0	84.2	84.2	84.3	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 20000	69.6	87.1	87.5	87.6	87.6	87.8	87.8	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
W 18000	69.7	87.4	87.6	87.9	87.9	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
W 16000	71.0	87.6	88.1	88.2	88.2	88.3	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
W 14000	71.4	88.1	88.5	88.6	88.6	88.6	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
W 12000	72.5	90.7	91.1	91.3	91.3	91.4	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
W 10000	72.5	91.0	91.4	91.5	91.5	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
W 9000	73.1	91.3	91.7	91.8	91.8	91.9	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
W 8000	73.5	91.7	92.1	92.2	92.2	92.4	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
W 7000	75.1	93.5	93.9	94.1	94.0	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
W 6000	75.2	93.8	94.2	94.3	94.3	94.4	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
W 5000	76.1	95.3	95.7	95.8	95.8	96.0	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
W 4500	76.5	95.8	96.3	96.4	96.4	96.5	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
W 4000	76.5	95.8	96.3	96.4	96.4	96.5	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
W 3500	76.8	96.1	96.5	96.7	96.7	96.8	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
W 3000	77.1	96.4	96.8	96.9	97.1	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
W 2500	77.2	96.5	97.1	97.2	97.4	97.5	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
W 2000	77.5	96.8	97.4	97.5	97.6	97.8	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
W 1800	77.5	96.8	97.4	97.5	97.6	97.8	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
W 1500	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
W 1200	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
W 1000	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
W 900	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6
W 800	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6
W 700	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6
W 600	77.6	96.9	97.5	97.6	97.8	97.9	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6
W 500	77.6	96.9	97.5	97.6	97.8	97.9	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
W 400	77.6	97.1	97.6	97.8	97.9	98.1	98.3	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.2	99.2
W 300	77.6	97.2	97.8	98.1	98.5	98.6	98.9	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7
W 200	77.6	97.2	97.9	98.2	98.6	98.8	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9
W 100	77.6	97.3	97.9	98.2	98.6	98.8	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9
W 0	77.6	97.2	97.9	98.2	98.6	98.8	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM 7-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.44
STATION

1665 AAF TX (EL PASO)
STATION NAME

72-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-10	≥¼	≥0
NO CEILING	73.7	82.0	87.9	83.0	81.0	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 20000	76.7	85.9	86.2	85.3	86.3	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 18000	76.4	86.2	86.9	86.6	86.0	86.6	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 16000	77.1	86.4	86.7	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 14000	77.8	87.2	87.9	87.0	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥ 12000	79.3	88.8	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 10000	79.9	89.4	89.7	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 9000	80.2	89.8	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 8000	80.7	90.3	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0
≥ 7000	81.6	91.7	91.8	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 6000	82.0	92.0	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 5000	83.4	93.6	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4500	84.1	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4000	84.6	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	85.1	95.2	95.9	95.6	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	85.6	95.9	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.7
≥ 2500	86.1	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	86.6	97.2	97.3	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	86.9	97.5	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	87.0	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 1200	87.1	97.7	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 1000	87.1	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.9
≥ 900	87.1	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.9
≥ 800	87.1	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	99.0
≥ 700	87.1	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	99.1
≥ 600	87.1	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	99.1
≥ 500	87.1	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	99.1
≥ 400	87.1	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	99.1
≥ 300	87.1	98.0	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1
≥ 200	87.1	98.0	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	87.1	98.0	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	87.1	98.0	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 5757

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25.44 MISS AAF TX (EL PASO)
STATION STATION NAME

72-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5 16	≥	≥0
NO CEILING	60.8	78.2	78.4	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9
≥ 20000	62.5	81.2	81.3	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9
≥ 18000	63.7	82.4	82.5	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1
≥ 16000	64.1	82.9	83.1	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6
≥ 14000	65.6	84.4	84.5	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1
≥ 12000	67.2	86.2	86.3	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8
≥ 10000	67.7	86.8	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5
≥ 9000	67.7	86.8	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5
≥ 8000	69.1	89.1	89.2	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 7000	69.1	89.1	89.2	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 6000	70.7	91.1	91.3	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8
≥ 5000	72.4	93.1	93.3	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8
≥ 4500	73.1	94.5	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.2
≥ 4000	74.1	95.8	96.1	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5
≥ 3500	74.1	96.0	96.2	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8
≥ 3000	74.1	96.2	96.5	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 2500	74.9	96.9	97.2	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
≥ 2000	75.1	97.4	97.7	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3
≥ 1800	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7
≥ 1500	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8
≥ 1200	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8
≥ 1000	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8
≥ 900	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8
≥ 800	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	99.1	99.1	99.1
≥ 700	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	99.1	99.1	99.1
≥ 600	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	99.1	99.1	99.1
≥ 500	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	99.1	99.1	99.1
≥ 400	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	99.1	99.1	99.1
≥ 300	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	99.1	99.1	99.1
≥ 200	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	99.1	99.1	99.1
≥ 100	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	99.1	99.1	99.1
≥ 0	75.1	97.7	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23044 21005 AAF TX (CL PASO)

72-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5-16	≥1	≥0
NO CEILING	59.7	75.1	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.8	76.1
≥ 20000	62.4	79.4	79.6	79.7	79.7	79.7	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.4
≥ 18000	62.6	79.7	79.8	80.0	80.0	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.4	80.6
≥ 16000	63.1	80.1	80.2	80.4	80.4	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.8	81.0
≥ 14000	63.9	80.9	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.9
≥ 12000	65.5	82.8	82.9	83.1	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.7
≥ 10000	65.9	83.9	84.0	84.1	84.1	84.1	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.8
≥ 9000	66.9	84.7	84.8	84.9	84.9	84.9	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.6
≥ 8000	68.0	86.4	86.6	86.7	86.7	86.7	86.7	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.2	87.5
≥ 7000	69.4	88.0	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.7	88.8	89.1
≥ 6000	70.4	89.9	90.1	90.2	90.2	90.2	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.9	91.1
≥ 5000	72.2	92.1	92.2	92.5	92.5	92.5	92.6	92.7	92.7	92.9	92.9	92.9	92.9	93.0	93.0	93.1	93.4
≥ 4500	73.1	93.3	93.4	93.7	93.7	93.7	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.4	94.6
≥ 4000	73.5	93.8	94.0	94.2	94.2	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.8	94.8	94.9	95.2
≥ 3500	73.7	94.4	94.6	94.9	94.9	94.9	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.6	95.8
≥ 3000	73.9	94.6	95.0	95.3	95.3	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	96.0	96.2
≥ 2500	74.6	95.3	95.7	96.0	96.0	96.0	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.5	96.5	96.6	96.9
≥ 2000	74.6	95.3	95.7	96.0	96.0	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.8	97.0
≥ 1800	74.6	95.3	95.7	96.0	96.0	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.8	97.0
≥ 1500	74.6	95.4	95.8	96.1	96.1	96.1	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.8	96.8	96.9	97.2
≥ 1200	74.6	95.6	96.0	96.2	96.2	96.2	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.9	96.9	97.0	97.3
≥ 1000	74.6	95.6	96.1	96.4	96.4	96.4	96.6	96.8	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.2	97.4
≥ 900	74.6	95.7	96.2	96.6	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.7
≥ 800	74.6	95.7	96.2	96.6	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.7
≥ 700	74.6	95.7	96.2	96.6	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.7
≥ 600	74.6	95.7	96.2	96.6	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.7
≥ 500	74.6	95.7	96.2	96.6	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.7
≥ 400	74.6	95.7	96.2	96.6	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.7
≥ 300	74.6	95.7	96.2	96.6	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.7
≥ 200	74.6	95.7	96.2	96.6	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.7
≥ 100	74.6	95.7	96.2	96.6	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.7
0	74.6	95.7	96.2	96.6	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.7

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
CLIMATE BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-44
STATION

IGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	69.6	74.1	74.5	74.7	74.7	74.7	74.7	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.4
≥20000	73.5	78.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	80.1
≥18000	73.2	79.0	79.4	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.4
≥16000	74.3	79.6	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.9
≥14000	75.1	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.7
≥12000	76.3	81.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.9
≥10000	77.3	82.5	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.9
≥9000	78.2	83.5	84.0	84.3	84.3	84.3	84.3	84.3	84.4	84.7	84.7	84.7	84.7	84.7	84.7	85.1
≥8000	79.3	84.5	85.1	85.3	85.3	85.3	85.3	85.3	85.5	85.8	85.8	85.8	85.8	85.8	85.8	86.2
≥7000	80.4	85.8	86.3	86.6	86.6	86.6	86.6	86.6	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.4
≥6000	82.1	87.9	88.6	88.8	88.8	88.8	88.8	89.0	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.8
≥5000	83.3	89.4	90.1	90.3	90.3	90.3	90.5	90.5	90.6	90.9	90.9	90.9	90.9	90.9	90.9	91.3
≥4500	84.1	90.3	91.0	91.3	91.3	91.3	91.4	91.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	92.2
≥4000	85.1	91.4	92.3	92.6	92.6	92.6	92.7	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.5
≥3500	85.6	92.1	93.1	93.4	93.4	93.4	93.5	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.4
≥3000	86.2	92.7	93.8	94.1	94.1	94.1	94.2	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	95.0
≥2500	87.2	94.1	95.2	95.4	95.4	95.4	95.6	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.4
≥2000	87.5	94.4	95.4	95.7	95.7	95.7	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.6
≥1800	87.5	94.4	95.4	95.8	95.8	95.8	96.0	96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.8
≥1500	87.5	94.4	95.6	96.1	96.1	96.1	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	97.0
≥1200	87.4	94.5	95.6	96.1	96.2	96.2	96.4	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	97.2
≥1000	87.5	94.8	95.8	96.4	96.5	96.5	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.4
≥900	87.5	94.8	95.8	96.4	96.5	96.5	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.4
≥800	87.5	94.9	96.1	96.5	96.6	96.6	96.8	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.6
≥700	87.5	94.9	96.1	96.5	96.6	96.6	96.8	96.8	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.8
≥600	87.6	95.2	96.2	96.8	96.9	96.9	97.0	97.0	97.3	97.4	97.7	97.7	97.7	97.7	97.7	98.3
≥500	87.8	95.2	96.2	96.8	96.9	96.9	97.0	97.0	97.3	97.4	97.7	97.7	97.7	97.7	97.7	98.3
≥400	87.8	95.3	96.4	96.9	97.0	97.0	97.2	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	98.5
≥300	87.8	95.3	96.5	97.0	97.3	97.4	97.6	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	99.5
≥200	87.8	95.3	96.5	97.0	97.3	97.4	97.6	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	99.6
≥100	87.8	95.3	96.5	97.0	97.3	97.4	97.6	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	99.9
≥0	87.8	95.3	96.5	97.0	97.3	97.4	97.6	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

744

REGAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.44 STGGS AAF TX (EL PASO)
STATION

72-70
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5-16	≥0
NO CEILING	73.3	74.9	75.3	75.4	75.7	75.8	75.9	75.9	75.9	76.3	76.5	76.6	76.6	76.6	76.6	76.6
≥20000	72.9	74.5	74.9	75.0	75.3	75.5	75.7	75.7	75.7	76.1	76.3	76.4	76.4	76.4	76.4	76.4
≥18000	71.9	73.5	73.9	74.0	74.3	74.5	74.7	74.7	74.7	75.1	75.3	75.4	75.4	75.4	75.4	75.4
≥16000	70.4	71.9	72.3	72.4	72.7	72.9	73.1	73.1	73.1	73.5	73.7	73.8	73.8	73.8	73.8	73.8
≥14000	68.6	70.1	70.5	70.6	70.9	71.1	71.3	71.3	71.3	71.7	71.9	72.0	72.0	72.0	72.0	72.0
≥12000	66.8	68.3	68.7	68.8	69.1	69.3	69.5	69.5	69.5	69.9	70.1	70.2	70.2	70.2	70.2	70.2
≥10000	64.9	66.4	66.8	66.9	67.2	67.4	67.6	67.6	67.6	68.0	68.2	68.3	68.3	68.3	68.3	68.3
≥9000	63.1	64.6	65.0	65.1	65.4	65.6	65.8	65.8	65.8	66.2	66.4	66.5	66.5	66.5	66.5	66.5
≥8000	61.3	62.8	63.2	63.3	63.6	63.8	64.0	64.0	64.0	64.4	64.6	64.7	64.7	64.7	64.7	64.7
≥7000	59.5	61.0	61.4	61.5	61.8	62.0	62.2	62.2	62.2	62.6	62.8	62.9	62.9	62.9	62.9	62.9
≥6000	57.7	59.2	59.6	59.7	60.0	60.2	60.4	60.4	60.4	60.8	61.0	61.1	61.1	61.1	61.1	61.1
≥5000	55.9	57.4	57.8	57.9	58.2	58.4	58.6	58.6	58.6	59.0	59.2	59.3	59.3	59.3	59.3	59.3
≥4500	54.1	55.6	56.0	56.1	56.4	56.6	56.8	56.8	56.8	57.2	57.4	57.5	57.5	57.5	57.5	57.5
≥4000	52.3	53.8	54.2	54.3	54.6	54.8	55.0	55.0	55.0	55.4	55.6	55.7	55.7	55.7	55.7	55.7
≥3500	50.5	52.0	52.4	52.5	52.8	53.0	53.2	53.2	53.2	53.6	53.8	53.9	53.9	53.9	53.9	53.9
≥3000	48.7	50.2	50.6	50.7	51.0	51.2	51.4	51.4	51.4	51.8	52.0	52.1	52.1	52.1	52.1	52.1
≥2500	46.9	48.4	48.8	48.9	49.2	49.4	49.6	49.6	49.6	50.0	50.2	50.3	50.3	50.3	50.3	50.3
≥2000	45.1	46.6	47.0	47.1	47.4	47.6	47.8	47.8	47.8	48.2	48.4	48.5	48.5	48.5	48.5	48.5
≥1800	43.3	44.8	45.2	45.3	45.6	45.8	46.0	46.0	46.0	46.4	46.6	46.7	46.7	46.7	46.7	46.7
≥1500	41.5	43.0	43.4	43.5	43.8	44.0	44.2	44.2	44.2	44.6	44.8	44.9	44.9	44.9	44.9	44.9
≥1200	39.7	41.2	41.6	41.7	42.0	42.2	42.4	42.4	42.4	42.8	43.0	43.1	43.1	43.1	43.1	43.1
≥1000	37.9	39.4	39.8	39.9	40.2	40.4	40.6	40.6	40.6	41.0	41.2	41.3	41.3	41.3	41.3	41.3
≥900	36.1	37.6	38.0	38.1	38.4	38.6	38.8	38.8	38.8	39.2	39.4	39.5	39.5	39.5	39.5	39.5
≥800	34.3	35.8	36.2	36.3	36.6	36.8	37.0	37.0	37.0	37.4	37.6	37.7	37.7	37.7	37.7	37.7
≥700	32.5	34.0	34.4	34.5	34.8	35.0	35.2	35.2	35.2	35.6	35.8	35.9	35.9	35.9	35.9	35.9
≥600	30.7	32.2	32.6	32.7	33.0	33.2	33.4	33.4	33.4	33.8	34.0	34.1	34.1	34.1	34.1	34.1
≥500	28.9	30.4	30.8	30.9	31.2	31.4	31.6	31.6	31.6	32.0	32.2	32.3	32.3	32.3	32.3	32.3
≥400	27.1	28.6	29.0	29.1	29.4	29.6	29.8	29.8	29.8	30.2	30.4	30.5	30.5	30.5	30.5	30.5
≥300	25.3	26.8	27.2	27.3	27.6	27.8	28.0	28.0	28.0	28.4	28.6	28.7	28.7	28.7	28.7	28.7
≥200	23.5	25.0	25.4	25.5	25.8	26.0	26.2	26.2	26.2	26.6	26.8	26.9	26.9	26.9	26.9	26.9
≥100	21.7	23.2	23.6	23.7	24.0	24.2	24.4	24.4	24.4	24.8	25.0	25.1	25.1	25.1	25.1	25.1
≥0	19.9	21.4	21.8	21.9	22.2	22.4	22.6	22.6	22.6	23.0	23.2	23.3	23.3	23.3	23.3	23.3

TOTAL NUMBER OF OBSERVATIONS 744

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27744
STATION

11005 AAF TX (EL PASO)
STATION NAME

72-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	72.7	74.7	75.4	75.4	75.5	75.5	76.1	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 20000	72.7	74.7	75.4	75.4	75.5	75.5	76.1	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	71.2	73.2	73.9	73.9	74.0	74.0	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000	71.2	73.3	74.0	74.0	74.1	74.1	74.7	74.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 14000	72.4	74.5	75.7	75.7	75.8	75.8	76.7	76.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	73.2	75.3	76.7	76.7	76.8	76.8	77.5	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 10000	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 9000	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 8000	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3500	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3000	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2500	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1800	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1500	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1200	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1000	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 900	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 800	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 700	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 600	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 500	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 400	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 300	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 200	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 100	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 0	74.0	76.2	77.9	77.9	78.0	78.0	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATOLOGY BRANCH
DAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2144 1500 AAF 10 (EL PALO)

72-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	71.7	72.5	73.3	73.9	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 20000	74.5	81.2	82.5	82.5	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
18000	77.7	81.7	82.4	83.1	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
16000	80.4	82.4	83.2	83.7	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
14000	81.6	83.0	84.4	84.9	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
12000	83.1	85.1	85.9	86.4	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
10000	83.9	85.8	86.6	87.1	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
9000	84.7	87.0	87.8	88.3	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
8000	85.2	87.5	88.3	88.8	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
7000	85.9	88.2	89.0	89.5	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
6000	87.6	89.9	90.7	91.3	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
5000	88.8	91.3	92.1	92.6	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
4500	90.0	93.1	94.0	94.5	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
4000	90.9	93.4	94.2	94.8	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
3500	91.4	94.3	94.9	95.3	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
3000	91.7	94.4	95.2	95.5	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
2500	92.2	95.0	96.0	96.6	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
2000	92.9	95.7	96.6	97.4	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1800	93.0	95.8	96.7	97.6	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1500	93.1	96.0	96.9	97.7	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1200	93.3	96.1	97.0	97.8	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1000	93.4	96.3	97.2	98.0	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
900	93.7	96.5	97.4	98.3	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
800	93.7	96.5	97.4	98.3	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
700	93.8	96.6	97.5	98.4	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	93.8	96.6	97.5	98.4	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500	93.8	96.6	97.5	98.4	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	93.8	96.6	97.5	98.4	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300	93.8	96.6	97.5	98.4	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	93.8	96.6	97.5	98.4	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	93.8	96.6	97.5	98.4	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	93.8	96.6	97.5	98.4	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
 U.S. AIR FORCE
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21.44 1005 AAF IX (FL PASO)
 STATION STATION NAME

72-79
 YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-2000
 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	15.1	77.3	77.8	78.1	74.1	73.1	76.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 20000	10.3	52.4	62.9	63.2	67.2	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000	7.7	82.3	83.7	83.6	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 16000	71.3	83.4	84.7	84.3	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 14000	72.4	84.7	85.2	85.5	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	74.2	86.5	87.1	87.3	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 10000	75.4	87.8	88.1	88.6	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 9000	76.4	89.1	89.6	89.9	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 8000	77.4	90.8	91.4	91.7	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 7000	78.3	91.8	92.3	92.6	92.6	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000	79.3	93.3	93.8	94.1	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 5000	80.3	94.6	95.3	95.6	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4500	81.4	95.6	96.2	96.5	96.5	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	82.4	96.5	97.2	97.4	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	82.3	96.5	97.4	97.7	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	82.4	97.0	97.7	98.0	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	82.4	97.0	97.7	98.0	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	82.4	97.0	98.0	98.3	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	82.4	97.2	98.1	98.4	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1600	82.4	97.3	98.2	98.5	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1400	82.4	97.3	98.4	98.7	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	82.4	97.3	98.4	98.7	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	82.4	97.3	98.4	98.7	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	82.5	97.4	98.5	98.8	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	82.6	97.6	98.7	99.1	99.2	99.2	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
UAFETAC
AIR WEATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

21044
STATION

WIGGS AAF TX (EL PASO)
STATION NAME

72-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	50.9	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 20000	53.7	80.1	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 18000	64.0	80.9	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 16000	64.9	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 14000	75.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 12000	67.7	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 10000	68.5	85.5	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 9000	69.6	86.4	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 8000	70.2	87.9	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 7000	72.4	91.0	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 6000	73.7	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 5000	75.7	95.4	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 4500	77.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 4000	77.3	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 3500	77.4	97.3	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 3000	77.6	97.7	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 2500	77.8	97.8	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 2000	77.8	98.0	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	77.8	98.1	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	78.1	98.7	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	78.1	98.7	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	78.1	98.7	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	78.1	98.7	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	78.1	98.7	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	78.1	98.7	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	78.1	98.7	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	78.1	98.7	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	78.1	98.7	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	78.1	98.7	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	78.1	98.7	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	78.1	98.7	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	78.1	98.7	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 744

JOINT CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21 44
STATION

-1365 AAF TX (EL PASO)
STATION NAME

72-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0
NO CEILING	66.7	75.2	75.7	75.9	76.0	76.0	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.5
≥20000	71.2	80.8	81.2	81.4	81.5	81.5	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	82.0
IV 18000	71.9	81.3	81.7	81.9	82.0	82.0	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.5
IV 16000	72.3	81.8	82.2	82.4	82.6	82.6	82.7	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.1
IV 14000	73.4	82.9	83.7	83.5	83.6	83.7	83.9	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.2
IV 12000	74.8	84.4	84.8	85.0	85.1	85.1	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.6
IV 10000	75.5	85.2	85.6	85.8	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.5
IV 9000	76.4	86.2	86.6	86.8	86.9	86.9	87.1	87.1	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.5
IV 8000	77.4	87.4	87.8	88.0	88.1	88.2	88.3	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7
IV 7000	78.5	88.7	89.2	89.4	89.5	89.6	89.6	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.1
IV 6000	79.8	90.4	90.9	91.1	91.2	91.2	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.8
IV 5000	81.2	92.1	92.9	92.7	92.9	92.9	93.1	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.5
IV 4500	82.1	93.2	93.9	93.9	94.0	94.0	94.2	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.6
IV 4000	82.8	93.9	94.4	94.6	94.8	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.4
IV 3500	83.1	94.4	95.1	95.2	95.3	95.3	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.9
IV 3000	83.5	94.8	95.4	95.6	95.8	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.4
IV 2500	84.1	95.5	96.1	96.4	96.5	96.6	96.7	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.1
IV 2000	84.4	95.9	96.6	96.8	97.0	97.0	97.3	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.7
IV 1800	84.5	96.0	96.7	97.0	97.2	97.2	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8
IV 1500	84.6	96.3	97.1	97.3	97.5	97.5	97.7	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2
IV 1200	84.6	96.4	97.0	97.4	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.3
IV 1000	84.7	96.5	97.2	97.5	97.7	97.7	98.0	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.5
IV 900	84.7	96.5	97.2	97.5	97.7	97.7	98.1	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.6
IV 800	84.8	96.6	97.3	97.6	97.9	97.9	98.2	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.7
IV 700	84.8	96.6	97.3	97.7	97.9	98.0	98.3	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.8
IV 600	84.8	96.7	97.4	97.8	98.0	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.9
IV 500	84.9	96.7	97.4	97.8	98.1	98.1	98.4	98.5	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.1
IV 400	84.9	96.7	97.4	97.8	98.1	98.1	98.4	98.6	98.6	98.9	98.9	99.0	99.0	99.1	99.1	99.2
IV 300	84.9	96.7	97.5	97.9	98.1	98.2	98.5	98.7	98.7	99.0	99.1	99.1	99.3	99.3	99.4	99.6
IV 200	84.9	96.7	97.5	97.9	98.2	98.2	98.6	98.7	98.7	99.1	99.2	99.2	99.4	99.4	99.5	99.8
IV 100	84.9	96.7	97.5	97.9	98.2	98.2	98.6	98.8	98.8	99.1	99.2	99.3	99.4	99.4	99.6	99.9
IV 0	84.9	96.7	97.5	97.9	98.2	98.2	98.6	98.8	98.8	99.1	99.2	99.3	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5951

CELESTIAL CLIMATOLOGY BRANCH
NAFSTAC
AIR WEATHER SERVICE / PAC

CEILING VERSUS VISIBILITY

2744 E1865 AAF TX (EL PASO)

72-80

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (15)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1	≥0
NO CEILING	70.0	75.2	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6
≥ 20000	76.0	81.7	81.4	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 18000	76.0	81.9	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
IV 16000	76.0	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7
IV 14000	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 12000	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 10000	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 9000	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 8000	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 7000	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 6000	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 5000	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 4500	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 4000	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 3500	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 3000	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 2500	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 2000	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 1800	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 1500	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 1200	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 1000	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 900	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 800	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 700	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 600	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 500	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 400	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 300	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 200	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 100	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 0	77.0	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9

TOTAL NUMBER OF OBSERVATIONS 70080

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS
SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED
WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: VALUES IN THE OTHER TENTHS COLUMNS ARE DERIVED
FROM SYNOPTIC DATA REPORTS.

3

SKY COVER

JAN
MON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	44.4			13.2						12.6	24.6	4.2	741
	03-05	43.1	.6		16.0	.7	1.2	1.3		1.9	13.2	24.8	4.5	742
	06-08	34.3			20.8	.1					16.9	25.8	4.9	740
	09-11	31.2	3.0		17.8	1.1	1.2	1.5		2.4	13.7	28.1	5.0	743
	12-14	26.8			26.7						19.5	27.0	5.3	742
	15-17	27.4	3.2		20.5	1.5	.4	1.6		3.9	16.9	24.6	5.1	741
	18-20	34.3			24.8						17.0	23.9	4.7	741
	21-23	41.6	1.6		17.8	.8	1.1	1.7		2.3	11.6	21.5	4.1	743
TOTALS		35.0	1.1		20.3	.5	.5	.8		1.3	15.4	25.1	4.7	5934

SKY COVER

FEB

STATION

STATION NAME

PERIOD

MONITOR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FFS	00-02	54.2			16.8					.1	11.7	17.1	3.3	677
	03-05	54.6	1.5		13.1	.4	.7	1.3		2.1	10.0	16.2	3.2	672
	06-08	46.4			10.1						13.7	20.8	3.9	677
	09-11	39.1	4.0		17.6	1.2	1.3	.4		3.8	14.5	18.0	4.1	676
	12-14	32.7			26.6						22.1	18.6	4.6	673
	15-17	30.6	3.7		18.5	1.2	1.2	1.3		4.0	22.2	17.4	4.8	677
	18-20	41.7			22.7						19.6	16.0	4.0	677
	21-23	52.9	1.5		14.6	1.0	.7	.7		2.4	10.0	16.1	3.3	678
TOTALS		44.0	1.3		18.6	.5	.5	.5		1.6	15.5	17.5	3.9	5407

FORM
JUL 64

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

23044
STATION

61GGS AAF TX (EL PASO)

73-80

MAR
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAF	00-02	52.8			17.9	.1					14.1	15.1	3.3	743
	03-05	50.7	2.4		16.4	.5	.8	.9		1.6	11.7	14.9	3.3	744
	06-08	45.0			25.4						17.2	14.4	3.7	744
	09-11	40.1	3.5		19.7	1.1	1.2	1.3		3.0	15.8	14.3	3.9	741
	12-14	34.3			23.3						23.3	19.2	4.7	735
	15-17	32.5	3.1		22.3	1.0	1.4	.5		3.4	17.5	18.3	4.5	736
	18-20	41.2			21.5						21.9	15.4	4.2	740
	21-23	50.1	2.6		20.5	.7	1.1	.8		.9	9.3	14.0	3.1	742
TOTALS		43.3	1.5		20.6	.4	.6	.4		1.1	10.4	15.7	3.8	5925

USAFETAC

FORM
JUL 64

0.9.5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

APR
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	58.4			20.4						13.1	8.1	2.6	719
	03-05	63.7	1.2		11.9	.8	1.1	1.1		2.2	10.9	9.5	2.6	717
	06-08	50.4	.1		22.0						18.1	9.3	3.2	718
	09-11	46.9	3.2		20.5	1.1	1.3	.8		2.6	13.2	13.3	3.2	718
	12-14	41.3			28.7						16.8	13.2	3.7	714
	15-17	35.6	3.2		25.4	1.3	.4	.8		2.5	15.4	15.4	4.0	716
	18-20	43.7			24.6						16.9	14.8	3.7	716
	21-23	51.9	2.1		17.9	1.3	1.1	1.4		2.6	11.5	10.0	3.0	720
TOTALS		48.6	1.3		21.4	.6	.5	.5		1.3	14.5	11.3	3.3	5738

SKY COVER

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80

MAY
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	55.4			20.2						13.3	11.2	2.9	744
	03-05	52.2	4.3		16.7	.4	1.6	1.3		1.5	12.6	2.7	2.9	744
	06-08	48.1			23.7						16.4	11.8	3.4	744
	09-11	49.9	4.0		19.8	.9	1.2	.4		2.2	10.5	11.2	3.0	744
	12-14	30.4			31.9						17.8	10.9	3.7	742
	15-17	31.0	4.7		29.1	.8	1.6	1.3		2.4	14.8	14.0	4.0	741
	18-20	43.8			28.9						17.0	13.3	3.7	743
	21-23	50.9	2.0		18.3	.7	.5	.9		2.7	10.6	13.3	3.2	743
TOTALS		46.0	1.8		23.6	.4	.6	.5		1.1	14.1	11.9	3.4	5945

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

22544
STATION

BIGGS AAF TX (EL PASO)

73-80

JUN
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JULY	00-02	52.2			25.6						12.7	9.4	2.9	714
	03-05	51.4	3.8		21.6	2.4	1.0	1.4		1.6	9.1	7.5	2.6	716
	06-08	52.0			29.8						12.7	5.6	2.6	719
	09-11	56.7	3.2		22.8	1.4	.4	.7		2.1	9.4	3.3	2.2	720
	12-14	43.1			41.4						12.3	3.2	2.7	717
	15-17	30.2	3.2		39.9	1.4	2.1	1.7		3.9	13.4	4.3	3.4	719
	18-20	35.8			33.9						22.4	7.9	3.8	720
	21-23	49.9	2.8		21.6	1.5	1.3	1.0		1.4	12.3	8.2	2.9	716
TOTALS		46.4	1.6		29.6	.8	.6	.6		1.2	13.0	6.2	2.9	5741

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

2' 44"
STATION

IGGS AAF TX (EL PASO)

73-86

JUL
MON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	25.5			29.4						24.1	21.0	5.1	744
	03-05	24.5	3.2		26.3	2.4	1.6	1.6		4.3	19.1	16.9	4.9	744
	06-08	23.1			35.2						25.5	16.1	5.0	744
	09-11	26.5	4.2		31.3	2.0	2.2	1.5		5.0	18.7	8.7	4.2	744
	12-14	13.3			49.6						29.0	8.1	4.9	744
	15-17	5.4	3.6		38.0	2.6	2.3	1.9		7.3	28.9	10.1	5.7	744
	18-20	11.6			33.7						37.5	17.2	6.1	744
	21-23	23.7	2.2		22.0	1.6	1.5	1.9		5.6	22.2	19.4	5.3	744
TOTALS		19.2	1.7		33.2	1.1	1.0	.9		2.8	25.6	14.7	5.2	5952

SKY COVER

Aug
Mont

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	01-02	30.6			31.4						20.6	17.5	4.5	743
	03-05	34.7	3.1		25.8	1.1	1.7	1.2		4.7	14.0	15.7	4.0	744
	06-08	28.9			33.9						23.4	13.8	4.5	744
	09-11	34.1	5.9		25.7	1.7	1.9	1.5		3.0	16.9	9.3	3.8	744
	12-14	16.0			47.2						26.9	7.9	4.6	744
	15-17	8.7	3.4		40.8	2.3	1.7	2.2		6.2	24.5	10.2	5.3	743
	18-20	19.6			33.9						33.1	16.5	5.5	741
	21-23	27.1	2.3		24.4	1.3	1.1	1.2		4.0	19.3	17.1	4.7	741
TOTALS		25.5	1.8		32.5	.8	.8	.8		2.2	22.3	13.3	4.6	5944

SKY COVER

SEP
MON

MONTH	HOURS (L T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JEP	06-12	40.7			22.9	.3					16.5	19.6	4.1	720
	03-05	43.5	1.4		17.5	.9	.8	1.3		1.7	12.4	20.3	4.0	720
	05-16	37.6			23.8						19.5	19.2	4.4	719
	04-11	40.7	3.5		19.1	2.4	.8	1.3		1.5	15.3	15.5	3.9	718
	12-14	30.4	.1		34.6						21.7	13.2	4.3	720
	15-17	21.5	4.2		35.1	1.9	1.7	1.0		3.8	21.3	9.6	4.5	720
	16-20	31.8			27.7						25.2	15.3	4.6	719
	21-23	39.9	1.8		17.6	1.1	1.7	1.0		2.2	15.4	19.3	4.2	720
TOTALS		35.8	1.4		24.8	.8	.6	.6		1.2	18.4	16.5	4.3	5756

SKY COVER

2-344
STATION

IGGS AAF TX (EL PA'LO)
STATION NAME

72-79

OCT
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	59.8			14.6						9.6	16.0	2.9	742
	03-05	57.8	1.2		15.5	1.3	.4	.8		1.1	7.7	14.2	2.8	742
	06-08	51.8			19.6					.1	15.0	13.2	3.3	741
	09-11	51.2	3.2		15.3	.5	1.1	1.4		3.0	14.1	11.2	3.3	739
	12-14	46.0			26.0						16.9	11.1	3.4	741
	15-17	45.0	4.7		21.7	.9	1.2	.5		1.9	13.1	11.6	3.3	742
	18-20	50.3			21.2						12.3	16.3	3.4	742
	21-23	57.1	1.5		15.7	.9	.3	.9		1.3	8.3	13.8	2.8	744
TOTALS		52.3	1.2		18.7	.5	.4	.5		.9	12.1	13.4	3.2	5933

SKY COVER

22.44
STATION

EIGGS AAF TX (EL PASO)

72-79

NOV
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	0-02	65.9			17.0						6.5	10.6	2.2	718
	03-05	62.7	2.1		15.6	1.0	.4	.6		1.1	5.5	10.0	2.3	710
	06-08	51.7			20.2						15.5	12.7	3.3	718
	09-11	45.6	4.9		16.7	.3	1.1	1.1		2.1	14.6	13.8	3.5	720
	12-14	43.8			26.7						17.3	12.2	3.6	715
	15-17	43.5	4.6		22.0	1.4	.7	.8		2.8	15.6	8.6	3.3	718
	18-20	55.4			21.2						12.9	10.5	2.8	713
	21-23	63.9	2.1		14.3	.6	.6	.6		1.4	6.2	10.5	2.3	714
TOTALS		54.1	1.7		19.2	.4	.4	.4		.9	11.9	11.1	2.9	5734

3

24

DEC
MONI

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW FATHER SERVICE/MAC

SKY COVER

27 JUL 44
STATION

1665 AAF TX (EL PASO)
STATION NAME

72-80
PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	35.0	1.1		20.3	.5	.5	.8		1.3	15.4	25.1	4.7	5934
FEB		44.0	1.3		18.6	.5	.5	.5		1.6	15.5	17.5	3.9	5407
MAR		43.3	1.5		20.6	.4	.6	.4		1.1	16.4	15.7	3.2	5925
APR		45.6	1.3		21.4	.6	.5	.5		1.3	14.5	11.3	3.3	5738
MAY		40.0	1.8		23.6	.4	.6	.5		1.1	14.1	11.9	3.4	5945
JUN		46.4	1.6		22.6	.8	.6	.6		1.2	13.0	6.2	2.9	5741
JUL		19.2	1.7		33.2	1.1	1.0	.9		2.8	25.6	14.7	5.2	5952
AUG		25.5	1.8		32.5	.8	.8	.8		2.2	22.3	13.3	4.6	5944
SEP		35.8	1.4		24.8	.8	.6	.6		1.2	18.4	16.5	4.3	5756
OCT		52.3	1.2		18.7	.5	.4	.5		.9	12.1	13.4	3.2	5933
NOV		54.1	1.7		19.2	.4	.4	.4		.9	11.2	11.1	2.9	5734
DEC		46.0	1.0		18.3	.4	.3	.5		1.2	14.6	17.7	3.8	5891
TOTALS		41.4	1.5		23.4	.6	.6	.6		1.4	16.2	14.5	3.8	69900

USAFETAC

FORM
JUL 54

0-9 5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
 - b. Extreme minimum temperature
- NOTE:** Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OL A to present these data may result in differences not exceeding $\pm 1^{\circ}\text{F}$ from directly converted values but excludes no Fahrenheit values.

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) † indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables: DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

3

USAF CLIMATOLOGY BRANCH
 AFPTAC
 AIR WEATHER SERVICE/MAC
 2-44 SIGGS AAF TX (EL PASO)
 STATION NAME

DAILY TEMPERATURES

50-80

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
110						.2	.4						.1
105						6.7	3.5	.4					.9
100					1.1	26.6	20.7	8.1	1.1				4.9
95				.2	11.7	63.0	59.9	43.6	13.4	.4			16.2
90				5.6	39.4	87.2	85.8	78.4	42.9	4.6			29.0
85			1.5	21.9	68.2	96.2	95.2	94.1	74.0	25.1			40.0
80	.1	1.5	12.2	49.7	85.8	98.8	98.9	98.3	89.1	50.5	2.6	.1	49.4
75	1.0	8.8	31.9	73.8	94.1	99.5	99.7	99.6	95.3	74.6	15.0	.9	58.2
70	8.2	24.0	55.2	87.0	98.4	100.0	100.0	100.0	97.3	88.9	39.7	9.5	67.6
65	24.2	45.2	71.2	94.4	99.6				98.6	94.8	61.2	23.7	76.2
60	46.5	66.4	86.0	97.8	99.9				99.2	98.6	77.8	46.7	85.0
55	67.7	82.6	93.1	99.6	100.0				99.8	99.2	89.4	69.0	91.7
50	83.1	91.8	97.2	99.9					100.0	99.6	95.2	86.0	96.1
45	92.5	96.9	99.1	100.0						99.8	97.8	93.8	98.3
40	96.8	98.4	99.6							100.0	99.1	97.5	99.3
35	99.0	99.4	100.0								99.7	99.6	99.8
30	99.3	99.5									99.9	100.0	99.9
25	99.8	99.9									100.0		100.0
20		100.0											100.0
15	100.0												100.0
MEAN	57.9	62.7	69.3	78.4	86.8	95.8	95.1	93.0	87.5	76.8	65.9	58.3	77.5
SD	9.012	9.217	9.084	7.694	6.966	5.966	5.663	5.275	7.140	7.749	8.841	8.426	15.729
TOTAL OBS	961	876	961	930	961	930	961	961	900	930	900	930	11201

3

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC
 2 144 STATION SIGGS AAF TX (EL PASO)
 STATION NAME

50-80

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75						1.3	.8	.4					.2
70					.5	8.4	12.2	5.6	.1				2.3
65					3.7	33.3	55.5	37.5	5.9				11.5
60			.1	1.4	17.4	65.5	91.9	81.9	36.7	2.4			25.1
55			.8	8.8	42.5	88.3	99.8	98.2	70.8	10.0			35.3
50		.7	5.6	25.4	67.0	97.6	100.0	100.0	87.8	29.1	.8	.1	43.2
45	1.5	3.9	17.0	50.9	87.4	99.8			96.6	54.1	7.2	1.5	52.0
40	6.7	14.2	36.0	74.7	96.7	100.0			99.7	77.5	20.3	6.7	61.4
35	18.4	29.7	57.4	89.2	99.2				100.0	92.0	41.2	16.1	70.5
30	36.0	50.9	78.3	96.2	99.9					98.7	66.7	32.4	80.1
25	44.4	60.8	84.9	98.5						99.2	75.4	41.8	83.9
20	56.7	73.5	90.9	99.5	100.0					99.5	86.9	58.8	89.1
15	79.1	88.8	97.7	99.9						100.0	95.1	82.0	95.2
10	73.0	96.3	99.6	100.0							98.8	93.7	98.5
5	77.3	99.2	99.9								99.4	98.8	99.6
0	99.2	99.9	100.0								99.7	99.9	99.9
-5	99.6	100.0									99.8	100.0	99.9
-10	99.9										100.0		100.0
-15	100.0												100.0
MEAN	1.4	34.6	41.2	49.3	57.6	66.7	70.0	68.1	61.9	50.1	37.8	31.4	50.0
SD	6.35	6.44	8.42	7.56	7.06	5.92	3.94	4.07	5.76	7.40	7.89	7.98	15.73
TOTAL OBS	961	876	961	930	961	930	961	961	900	930	900	930	11201

LOCAL CLIMATOLOGY BRANCH

ATTN:

WEATHER SE VICE/MAC

STATION 44

TOGS AAF TX (EL PASO)

STATION NAME

50-80

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95						.1	.2						.0
90					.1	4.6	5.2	1.0					.9
85					1.1	29.0	36.5	18.4	1.3				7.3
80					10.5	67.7	78.9	64.7	19.0	.1			20.4
75				2.7	39.8	89.8	96.1	93.7	60.8	4.5			32.7
70			1.7	29.5	70.6	98.6	99.5	99.3	35.3	23.2			41.9
65		1.5	11.9	50.8	89.3	99.8	100.0	100.0	94.8	54.1	1.7	.2	50.7
60	1.0	6.8	32.0	76.9	97.3	100.0			98.4	80.6	14.1	1.6	59.5
55	8.8	24.1	56.9	71.4	99.5				99.6	94.4	40.3	9.0	68.9
50	28.4	49.8	77.9	97.3	100.0				99.9	98.3	68.6	26.6	79.0
45	35.0	74.0	91.3	99.6					100.0	99.6	85.7	52.7	88.2
40	75.6	89.3	97.3	100.0						99.9	94.4	78.9	94.7
35	92.0	96.0	99.4							100.0	98.6	94.0	98.3
30	97.1	98.7	100.0								99.3	98.8	99.5
25	98.9	99.4									99.7	99.9	99.8
20	99.4	99.8									99.8	100.0	99.9
15	99.8	100.0									100.0		100.0
10	100.0												100.0
5													
0													
MEAN	44.0	49.0	55.5	64.1	72.5	81.5	82.8	80.8	74.9	64.7	52.1	45.1	64.0
S D	7.705	7.673	7.655	6.552	6.133	5.147	4.317	3.992	5.541	6.324	7.276	7.009	15.268
TOTAL OBS	961	876	961	930	961	930	961	961	900	930	900	930	11201

USAFETAC FORM 0-21 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23044
STATIONBIGGS AAF TX (EL PASO)
STATION NAME50-80
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50	75	75	84	90	94	103	99	100	94	90	81	73	103
51	70	78	80	86	104	105	107	103	99	90	74	74	107
52	75	72	77	85	94	101	100	103	99	90	83	65	103
53	73	74	86	88	99	106	104	100	96	87	76	72	106
54	72	77	80	90	94	103	103	101	97	91	80	75	103
55	69	74	78	89	92	103	101	97	98	90	77	75	103
56	73	77	83	86	99	102	101	100	101	93	75	68	102
57	72	81	80	85	95	107	106	97	95	87	75	68	107
58	73	77	74	92	100	102	106	98	99	85	78	76	106
59	73	75	77	93	97	104	105	101	101	89	80	69	105
60	69	72	84	92	96	109	109	103	95	88	80	66	109
61	63	76	81	91	99	103	102	101	93	90	73	70	103
62	68	79	81	93	98	102	100	102	93	87	78	64	102
63	75	77	86	92	97	101	106	97	94	88	78	65	106
64	64	67	80	88	100	100	105	100	98	87	76	70	105
65	72	72	80	98	96	100	101	102	94	92	79	69	102
66	67	68	81	85	97	101	102	101	91	89	81	73	102
67	74	78	88	90	95	101	98	99	94	97	77	69	101
68	69	74	82	84	99	106	100	94	95	92	79	68	106
69	74	71	87	90	101	105	103	105	98	92	79	73	105
70	80	78	80	86	98	105	105	99	98	84	79	75	105
71	79	78	88	89	94	101	100	93	96	84	77	71	101
72	75	83	85	92	93	101	104	101	89	92	75	72	104
73	72	77	76	87	95	108	105	101	100	96	84	80	108
74	78	77	86	97	101	107	100	98	99	87	73	71	107
75	76	77	86	92	95	105	100	104	97	93	82	74	105
76	68	80	85	92	98	105	99	102	93	83	76	65	105
77	64	77	76	90	99	107	104	103	98	90	79	76	107
78	71	74	87	91	99	111	105	100	94	93	79	72	111
79	61	78	80	92	97	107	112	99	101	96	81	73	112
MEAN													
SD													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 54 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

50-80

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50	21	30	31	41	44	58	62	63	53	46	16	19	16
51	18	10	23	34	38	56	64	64	56	45	21	21	10
52	19	20	26	40	45	59	60	65	53	41	25	19	19
53	23	18	27	40	42	60	64	65	57	35	27	5	5
54	19	28	28	42	43	62	61	61	60	41	31	15	15
55	20	22	23	40	46	56	64	65	56	41	27	25	20
56	24	8	24	36	46	59	63	63	57	32	21	20	8
57	21	28	33	36	48	56	62	61	52	40	18	19	18
58	22	27	28	40	51	65	64	63	51	35	22	16	16
59	17	27	28	40	45	57	63	63	51	43	19	19	17
60	19	18	26	34	47	59	63	64	50	34	27	19	18
61	21	23	24	35	46	53	65	63	53	37	28	24	21
62	-8	30	22	37	47	56	65	62	53	36	25	23	-8
63	10	11	27	41	50	59	65	65	53	46	31	17	10
64	10	15	26	38	44	51	65	64	50	38	23	11	10
65	21	21	15	38	40	53	67	64	50	39	30	25	15
66	20	18	25	34	51	57	67	58	52	33	27	14	14
67	9	17	25	35	31	58	67	61	49	27	28	18	9
68	22	27	28	33	47	51	64	60	45	37	31	13	13
69	20	23	23	37	42	58	66	67	55	36	21	22	20
70	14	21	33	34	35	54	62	58	46	25	18	19	14
71	3	13	14	36	46	53	62	60	44	35	31	23	3
72	17	18	31	30	46	52	64	62	48	40	24	20	10
73	18	20	28	24	39	52	59	56	42	31	18	10	10
74	14	11	25	34	42	52	62	58	49	39	20	17	11
75	15	23	30	31	38	54	61	58	42	38	23	17	15
76	17	20	24	32	43	51	61	57	45	33	1	18	1
77	21	24	18	31	43	56	61	65	54	42	30	16	16
78	24	25	30	37	41	56	65	60	52	39	29	13	13
79	15	23	26	28	42	48	57	59	52	30	17	14	14
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

3

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS:

SIGGS AAF TX (EL PASO)
STATION NAME

50-20

YEARS

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 244 TIGES AAF IX (EL PASO)
STATION NAME

73-87

YEARS

18
MONTH

PAGE 1

7070-0230
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
59																																				
57																																				
55																																				
53																																				
51																																				
49																																				
47																																				
45																																				
43																																				
41																																				
39																																				
37																																				
35																																				
33																																				
31																																				
29																																				
27																																				
25																																				
23																																				
21																																				
19																																				
17																																				
15																																				
13																																				
11																																				
9																																				
7																																				
5																																				
TOTAL	1.9	22.7	27.6	21.0	10.6	9.6	4.4	1.5	.5	.1																										

2A44
USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

21044	BIGGS AAF TX (EL PASO)
STATION	STATION NAME

73-89

YEARS

JAN
MONTH

PAGE 1 0300-0530
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
57 / 57						.1												1	1				
56 / 55				.1	.3	.3		.1		.3								8	8				
54 / 53					.3	.5	.8	.1										13	13				
52 / 51					.4	1.1	.4											14	14				
50 / 49	.1		.3	.4	.5	1.1	.8	.4										30	30	2	1		
48 / 47	.5	1.2	1.3	.9	.9	1.1	1.1											52	52	10	4		
46 / 45	.5	.7	1.1	.8	1.3	.4	.1											37	37	25	9		
44 / 43		.9	.9	1.6	1.5	.4	.1											41	41	21	11		
42 / 41		.8	1.5	1.6	1.7	.7	.1											48	48	47	16		
40 / 39		.8	1.5	1.9	1.3	.4												44	44	48	11		
38 / 37	.3	1.5	2.6	.7	1.2	.4												49	49	59	20		
36 / 35	.5	2.6	3.5	1.1	1.1	.1												66	66	56	31		
34 / 33	.3	2.6	2.8	2.3	.4													62	62	77	32		
32 / 31	.4	4.4	3.9	2.3														81	81	62	70		
30 / 29	.9	3.6	3.1	.9														64	64	90	69		
28 / 27	.1	3.2	.8	.8														37	37	80	66		
26 / 25	.3	2.3	.8	.2														27	27	58	68		
24 / 23	.3	3.4	.8															33	33	38	59		
22 / 21	.1	2.2	.4															20	20	38	60		
20 / 19	.3	1.3	.1															13	13	21	80		
18 / 17	.3	.1	.1															4	4	10	58		
16 / 15																				2	34		
14 / 13																					28		
12 / 11																					7		
10 / 9																					11		
8 / 7																					7		
6 / 5																					1		
TOTAL	5.0	31.6	25.4	15.7	11.3	6.6	3.5	.7		.3								744		744	744		
																		744		744			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 JAN 73-80
STATION BIGGS AAF TX (EL PASO)
STATION NAME

73-80

YEARS

JAN

MONTH

PAGE 1

7600-0800
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
50/ 55								.1		.1								2	2					
54/ 53					.5				.1									3	3					
52/ 51				.1	.7	1.3	.5	.4										21	21					
51/ 49				.9	.5	.9	.1	.3										22	22					
48/ 47	.7	.4	.8	.8	1.2	.7	.7	.1										40	40	6	6			
46/ 45		.8	.7	1.1	.4	.4	.1											26	26	8	7			
44/ 43	.4	1.5	.3	3.0	.9	.8	.4											54	54	29	5			
42/ 41	.1	1.1	1.3	1.9	.9	.4												43	43	43	16			
40/ 39		1.9	2.3	1.2	.5	.5												48	48	38	13			
38/ 37	.1	1.5	2.3	2.8	1.1													56	56	61	19			
36/ 35	.5	3.0	2.6	2.2	.7	.4												69	69	67	26			
34/ 33	.4	2.8	2.7	1.6	.4													59	59	78	48			
32/ 31	.4	5.0	2.0	2.0	.7													79	79	59	73			
30/ 29	.9	3.2	3.6	1.5														69	69	89	69			
28/ 27	.3	3.8	1.5	.1														42	42	71	55			
26/ 25	.3	3.1	1.9	.1														40	40	66	70			
24/ 23		2.8	.8															27	27	53	50			
22/ 21	.5	1.7	.3															19	19	37	61			
20/ 19	.8	1.1	.3															16	16	23	72			
18/ 17	.1	.1																2	2	6	51			
16/ 15	.1	.5																5	5	4	47			
14/ 13																				4	23			
12/ 11																					14			
10/ 9																					15			
8/ 7																					7			
6/ 5																					1			
TOTAL	5.8	34.3	23.8	19.2	8.6	5.5	1.6	.9	.1	.1								744	744	744	744			

2445
USAFETAC 0-26-5 (OLA)
FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1 0920-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

0900-1100
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

2704	HIGGS AAF TX (EL PASO)
STATION	STATION NAME

73-85

YEARS

JAN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point					
76/ 75												.4						3	3						
75/ 71											.3	.1	.4					6	6						
71/ 69										.1	.1	.3	.1					5	5						
68/ 67									.3	.4	.7	.3						12	12						
66/ 65								.1	.1	.8	.9	.1						16	16						
64/ 63							.5		1.3	.3	.7	.3						23	23						
62/ 61				.1	.1		.4	1.3	.8	1.6	1.1							41	41						
60/ 59				.1		.3	1.2	3.4	2.6	1.2								61	61						
58/ 57				.1	.5	.5	1.2	3.1	1.7	.8								58	58						
56/ 55		.1		.3	.3	1.3	2.7	3.5	1.9	.4								78	78	2					
54/ 53				.4	.7	2.2	2.2	3.5	1.7									79	79	8					
52/ 51		.3	.5	.7	1.1	1.3	2.2	2.0	.8									66	66	11	3				
51/ 49	.1	.4	.5		1.2	1.3	1.6	1.2	.1									47	47	31	3				
48/ 47			.1	.7	.7	2.0	2.2	1.1	.3									52	52	66	3				
46/ 45		.1	.3	.9	2.2	1.5	1.1	1.2										54	54	74	7				
44/ 43		.1	.7	1.2	1.1	1.2	.7	.3										39	39	104	10				
42/ 41		.1	.5	.5	1.1	2.0	.3											34	34	100	12				
40/ 39		.3	.8	.7	.7	.8												26	26	89	17				
38/ 37	.4	.1	.3	.5		.5												14	14	90	22				
36/ 35		.4	.1	.5														8	8	54	13				
34/ 33		.8	.3	.1	.1	.4												13	13	46	51				
32/ 31	.1	.1		.4														5	5	45	69				
30/ 29	.1		.1															2	2	13	69				
28/ 27				.1														1	1	1	68				
26/ 25																				5	73				
24/ 23																				4	42				
22/ 21																					51				
20/ 19																					62				
18/ 17																					33				
16/ 15																					34				
14/ 13																					26				
12/ 11																					19				
10/ 9																					7				
8/ 7																					4				
Element (X)	Z _X ¹		Z _X		X̄		σ _X		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

2744 HIGGS AAF TX (EL PASO)
STATION STATION NAME

73-80

YEARS

1941
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
47 3																					2	
47 1																					1	
47 -1																					2	
TOTAL	1.1	3.0	4.0	7.5	9.4	15.5	16.2	21.0	10.9	5.7	3.8	1.5	.5						743		743	
																			743		743	

PSYCHROMETRIC SUMMARY

2744	P16GS AAF TX (EL PASO)
STATION	STATION NAME

73-80

YEARS

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-82

YEARS

152
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

NATIONAL CLIMATOLOGY BRANCH
WAFB/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27044 DTGGS AAF TX (EL PASO)
STATION STATION NAME

73-80
YEARS

JAN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
7 / 69										.1								1	1					
60 / 65									.1	.5	.5	.1						10	10					
54 / 63							.1	.4		.4								7	7					
52 / 61					.1		.1	.1	.4	.4	.3	.1						12	12					
60 / 59						.4	.5	.4	.4	.3	.3							20	20					
56 / 57				.4		.5	.9	2.0	.4	.4								35	35					
56 / 55			.3	.4	.4	.3	1.5	2.0	.5	.5								44	44					
54 / 53		.3	.1	.3	.7	1.1	1.6	1.6	.9	.1								50	50	1				
52 / 51		.1	.1	.3	.9	1.9	1.9	2.2	.5	.1								60	60	10				
50 / 49		.5	.5	1.5	2.6	1.5	2.3	1.2	.1									76	76	16	2			
48 / 47	.1	.5	.4	.7	1.2	2.6	2.6	1.1	.1									69	69	23	13			
46 / 45		.5	.5	2.3	1.2	2.2	1.9	.3										66	66	53	5			
44 / 43		.8	.5	.9	3.2	1.5	1.1	.1										61	61	68	10			
42 / 41		.3	1.1	1.2	3.1	1.3	.1											53	53	83	16			
40 / 39		.6	1.5	2.4	2.6	1.6												66	66	81	20			
38 / 37		.4	1.2	1.7	1.1	.7												38	38	95	20			
36 / 35		.4	1.5	1.2	.5	.4												30	30	94	36			
34 / 33	.1	.1	.5	1.2	.8													21	21	90	49			
32 / 31		.4	.9	.1	.3													13	13	61	59			
30 / 29	.4	.1	.3	.1														7	7	33	57			
28 / 27	.1			.3														3	3	19	78			
26 / 25			.1	.1														2	2	11	74			
24 / 23																				2	41			
22 / 21																				4	68			
20 / 19																					61			
18 / 17																					46			
16 / 15																					30			
14 / 13																					18			
12 / 11																					17			
10 / 9																					15			
8 / 7																					6			
6 / 5																					3			
TOTAL	.2	5.4	9.7	15.2	18.7	15.9	14.7	11.4	4.0	3.0	1.1	.3						744	744	744	744			
Element (X)	ΣX'			ΣX			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.	1973302			35868			48.2			18.126			744			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb	1670261			34753			46.7			7.946			744				3.1	.1				23		
Wet Bulb	1096230			28228			37.9			5.824			744				16.3					93		
Dew Point	572951			19627			26.4			8.618			744				71.6					93		

USAFETAC FORM 0-26-5 (OL A) 10-64 RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

20344 BIGGS AAF TX (EL PASO)

73-80

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point					
65/ 65										.1									1	1					
62/ 61							.3	.1	.3	.1	.1								7	7					
59/ 59						.1	.4	.3		.4									9	9					
56/ 57					.3	.4	.5	.1	.3	.1									13	13					
55/ 55				.3	.3	.3	.9	.7	.3										20	20					
54/ 53			.3	.3	.1	.8	1.6	.7	.5										29	29					
52/ 51		.7		.5	.4	.7	1.1	.3											30	30	3				
50/ 49		.4	.7	1.1	1.5	1.7	.7	1.1	.1										54	54	13				
48/ 47	.4	.9	1.2	.9	1.3	.8	.9	.3											51	51	21				
46/ 45		.7	1.1	1.5	1.6	.8	.4	.4											48	48	27				
44/ 43	.1	1.1	.9	1.6	1.7	1.6	.8												59	59	50				
42/ 41		.7	1.6	2.0	2.2	1.6	.3												62	62	64				
40/ 39		.5	1.9	3.4	3.2	.5	.1												72	72	63				
38/ 37	.1	.7	2.8	3.2	1.7	.1													65	65	55				
36/ 35		1.1	3.6	3.0	1.3	.5													71	71	78				
34/ 33		2.3	1.7	2.0	.4														46	48	96				
32/ 31		2.0	2.6	1.7	.7														54	54	97				
30/ 29	.3	.8	1.2	.9															24	24	61				
28/ 27		.5	1.1	.3															14	14	60				
26/ 25		.5	.4																7	7	32				
24/ 23		.1	.4																4	4	15				
22/ 21		.1	.1																2	2	5				
20/ 19																					2				
18/ 17																					1				
16/ 15																									
14/ 13																									
12/ 11																									
10/ 9																									
8/ 7																									
6/ 5																									
4/ 3																									
TOTAL		13.2	22.1	9.2	2.7	17.2	10.1	8.1	3.5	1.5	.8	.1							744	744	744				
																			744		744				
Element (X)	Σx²	Σx	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature							Total											
Rel. Hum.	2745528	43224	58.1	17.760	744	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total													
Dry Bulb	1335931	30937	41.6	8.163	744		13.1					93													
Wet Bulb	959765	26289	35.3	6.444	744		34.0					93													
Dew Point	581712	19832	26.7	8.452	744		72.0					93													

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
76 / 75												.1		.C				5	5					
74 / 73												.0	.0					5	5					
72 / 71											.0	.1	.1					13	13					
7 / 69											.1	.2	.0					23	23					
68 / 67									.0	.0	.2	.1	.0					27	27					
66 / 65							.1	.0	.1	.3	.3	.2						59	59					
64 / 63					.0	.0	.1	.1	.3	.2	.2	.1						68	68					
62 / 61				.0	.0	.0	.2	.4	.5	.6	.4	.1						126	126					
60 / 59				.0	.0	.2	.5	1.0	.8	.6	.1							188	188					
58 / 57				.1	.1	.3	.6	1.1	.5	.5	.0							190	190					
56 / 55		.0	.0	.2	.2	.6	1.0	1.1	.7	.3								247	247	3				
54 / 53		.1	.1	.2	.4	1.1	1.3	1.1	.6	.1								301	301	20				
52 / 51		.2	.2	.4	.9	1.4	1.4	.9	.3	.0								338	338	39	6			
50 / 49	.1	.3	.4	.7	1.3	1.3	1.2	.9	.1									384	384	117	17			
48 / 47	.3	.5	.7	.9	1.0	1.4	1.5	.5	.1									403	403	235	46			
46 / 45	.1	.5	.6	1.2	1.5	1.4	.8	.4										393	393	338	55			
44 / 43	.1	.8	.7	1.5	1.7	1.1	.6	.1										394	394	487	87			
42 / 41	.0	.6	1.2	1.4	1.7	1.0	.2											361	361	550	114			
40 / 39	.1	.9	1.6	1.8	1.4	.8	.0											398	398	546	135			
38 / 37	.1	.7	1.9	1.8	1.1	.4												360	360	580	171			
36 / 35	.2	1.5	2.1	1.6	.9	.2												384	384	555	295			
34 / 33	.2	1.7	1.6	1.5	.4	.1	.0											323	323	623	364			
32 / 31	.2	2.1	1.8	1.2	.2	.0												330	330	489	524			
30 / 29	.4	1.2	1.5	.6	.2													217	217	444	537			
28 / 27	.1	1.3	.7	.2														138	138	334	554			
26 / 25	.1	1.0	.6	.1														104	104	246	573			
24 / 23	.1	1.0	.3	.0														80	80	153	383			
22 / 21	.1	.8	.1															46	46	107	477			
20 / 19	.1	.4	.1															33	33	53	525			
18 / 17	.1	.0	.0															6	6	20	364			
16 / 15	.0	.1																5	5	6	273			
14 / 13																				4	178			
12 / 11																					121			
10 / 9																					86			
Element (X)	ΣX'			ΣX			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

73-82

YEARS

JAN
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
t / 7																					38
c / 5																					11
n / 3																					6
d / 1																					3
b / -1																					2
-d / -3																					1
-n / -5																					1
TOTAL	2.2	15.2	16.3	15.6	12.9	11.4	9.5	7.7	4.2	2.7	1.4	.9	.2	.0				5949		5949	5949

PSYCHROMETRIC SUMMARY

73-85

YEARS

FFS

MONTH

PAGE 1 0003-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-80

YEARS

EE3

PAGE 2

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-2/-3																						4
-4/-5																						7
-6/-7																						2
TOTAL	1.6	14.5	15.6	16.5	19.2	12.8	9.0	5.3	2.9	3.8	.6	.1								678		676
																			678		678	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27-44 BIGGS AAF TX (EL PASO)

73-80

YEARS

FFF

PAGE 1

3300-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
66/ 65										.3								2	2					
64/ 63										.1		.1	.1					3	3					
62/ 61								.1			.1	.3						4	4					
60/ 59				.1	.1		.4	.1	.1		.1							8	8					
58/ 57				.1	.1		.4	.1	.3	.1								9	9					
56/ 55				.3		.3		.4	.6	.3								13	13					
54/ 53			.1	.3	.3	.4	.2	.6	.4	.1								18	18	1				
52/ 51		.7	.1	.3	.4	.1	.4	1.6	.1									27	27	5				
50/ 49	.3	.1		.6	1.0	1.2	1.0	.4	.6									36	36	9	6			
48/ 47	.1	1.2	.6	.4	1.0	1.2	.7	.6										40	40	13	7			
46/ 45	.4	.4		1.0	1.3	1.0	.4	.4										35	35	23	12			
44/ 43		.1	.4	1.6	1.0	1.0	.3	.1										32	32	18	0			
42/ 41		1.8	1.3	1.3	1.8	.3	.4											47	47	33				
40/ 39		1.5	2.8	2.1	3.0	.1	.4											67	67	56	9			
38/ 37	.4	1.3	2.2	1.0	1.2	.9	.1											50	50	67	30			
36/ 35	.3	1.8	1.6	1.8	2.1	1.3												60	60	69	20			
34/ 33	.1	3.7	1.9	1.0	.9	.1	.1											54	54	73	40			
32/ 31	.1	1.8	2.5	1.6	.7	.7	.3											93	93	63	60			
30/ 29	.1	1.5	1.6	.7	.7	.4												35	35	53	48			
28/ 27		1.3	1.6	.6	.3													26	26	61	39			
26/ 25		.7	1.3	1.0	.3													23	23	40	47			
24/ 23	.1	.7	1.0	.9														19	19	31	61			
22/ 21	.6	.1	.1	.4	.1													10	10	30	42			
20/ 19	.1																	1	1	17	44			
18/ 17			.3															2	2	6	56			
16/ 15			.4															3	3	4	31			
14/ 13																				2	16			
12/ 11																				3	21			
10/ 9																					12			
8/ 7																					19			
6/ 5																					13			
4/ 3																					12			
2/ 1																					3			
0/ -1																					9			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-80

YEARS

FEB
MONTH

PAGE 2

0300-0550
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21044 BIGGS AAF TX (EL PASO)

73-80

YEARS

FEB

MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63										.1		.1						2	2		
62/ 61									.1		.3	.1						4	4		
61/ 59						.1	.4	.3										6	6		
60/ 57							.1	.1	.1		.1							4	4		
56/ 55			.1	.1			.1	.4	.7									11	11		
54/ 53		.4	.3	.1	.1		.4	.1		.1								12	12		
52/ 51		.6	.3	.4	.4	1.0	.6	.6	.1									28	28	6	
50/ 49		.4	.4	.4	.4	.9	.6	1.0	.1									30	30	7	7
48/ 47	.3	.4	.4	.7	.9	1.8	1.0	.1	.1									40	40	15	8
46/ 45	.6	.9	1.7	.9	.6	1.2	1.0	.4										45	45	20	12
44/ 43		.1	.7	1.2	1.0	1.2	.4	.1										33	33	12	6
42/ 41		1.0	.9	2.1	1.2	1.2	.7	.3										49	49	34	10
40/ 39		2.2	1.9	1.9	1.3	.6	.4											57	57	49	10
38/ 37	.9	.7	3.2	1.3	1.2	1.0												57	57	61	23
36/ 35	1.3	1.6	1.8	1.5	.9	.6	.1											53	53	73	33
34/ 33	.6	2.2	1.3	2.1	.4	.7												50	50	75	27
32/ 31	.4	3.4	2.4	1.9	.7	.7												65	65	66	63
30/ 29	.1	2.2	2.1	1.6	.3	.1												43	43	55	41
28/ 27		2.4	1.3	.3	.9	.1												34	34	58	45
26/ 25		.7	1.3	.3	.3													18	18	53	51
24/ 23		.6	.6	.9														14	14	26	45
22/ 21		.6	.3	.3														8	8	25	47
20/ 19	.7		.4	.4														11	11	18	45
18/ 17			.3															2	2	9	51
16/ 15			.1															1	1	5	30
14/ 13			.1															1	1	3	24
12/ 11																				1	15
10/ 9																				1	22
8/ 7																					17
6/ 5																					9
4/ 3																					11
2/ 1																					11
0/ -1																					5
-2/ -3																					6
Element (X)	Σ X'		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-60

YEARS

FEB
MONTH

PAGE 2 0600-0900
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2744 HIGGS AAF TX (EL PASO)

73-80

YEARS

FEK
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
74/ 73														.1				1	1													
72/ 71											.1			.1				2	2													
70/ 69													.1					1	1													
68/ 67											.3		.3					4	4													
66/ 65							.1		.4	.1	.3	.6	.1					12	12													
64/ 62								.3		.9	.6	.1						13	13													
62/ 61					.2	.4	.3	.1	.9	.6	.6	.4						25	25													
60/ 59				.1		.1	.5	.3	1.3	.6	.7	.1						29	29													
58/ 57			.1	.3	.5	.1	.7	1.6	1.0	1.2	.3							40	40													
56/ 55		.3	.2	.1	.1	1.5	1.2	1.0	1.3	1.2	.1							52	53	1												
54/ 53		.4			.1	.7	1.5	2.1	2.2	.7	.3							55	55	7												
52/ 51			.3	.6	1.2	1.9	2.7	1.3	1.0	.1								62	62	12	4											
50/ 49		.3	.3	.4	1.2	2.2	3.3	2.1	1.3	.1								72	72	16	7											
48/ 47	.7	.4	.3	.6	2.2	1.3	1.5	1.6	.4									58	58	26	11											
46/ 45	.1	.4	.7	1.5	1.2	2.1	1.0	.7	.1									55	55	48	4											
44/ 43	.1	.7	.6	1.6	1.3	1.3	.4	.9										48	48	72	11											
42/ 41		.7	.9	1.5	1.5	.7	1.2	.3										46	46	89	12											
40/ 39		1.2	.7	.6	1.8	.3	.6											35	35	112	10											
38/ 37	.3	.6	.7	.6	.3	.4	.4											23	23	82	29											
36/ 35		.6	.3	.4	.3	.3	.1											14	14	67	37											
34/ 33	.1	.4	.6	1.3	.1													16	16	56	44											
32/ 31		.1	.3	.3	.1													6	6	31	58											
30/ 29		.3		.1														3	3	25	48											
28/ 27		.1	.3															3	3	18	51											
26/ 25		.1	.1															2	2	8	54											
24/ 23																				4	41											
22/ 21																				1	47											
20/ 19																					49											
18/ 17																					36											
16/ 15																					20											
14/ 13																					21											
12/ 11																					12											
10/ 9																					15											
8/ 7																					26											
Element (X)	Σ x ²				Σ x				Σ				No. Obs.				Mean No. of Hours with Temperature															
Rel. Hum.																	≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total															
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-80

YEARS

FEB
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-90

YEARS

FEB
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FF
MONT

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

FE
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-80

YEARS

FF
MONTH

PAGE 2

1500-1730
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-80

FEB

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

22044 LIGGS AAF TX (EL PASO)
STATION STATION NAME

73-80

YEARS

FEB
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
0 / 5																						18		
4 / 3																						7		
2 / 1																						7		
L / -1																						7		
-2 / -3																						3		
-4 / -5																						2		
TOTAL	.4	4.1	5.8	4.3	6.1	11.8	15.1	15.7	12.0	6.8	8.7	5.3	3.0	.6	.4			677	677	677				

PSYCHROMETRIC SUMMARY

2744	HIGGS AAF TX (EL PASO)
STATION	STATION NAME

73-85

FFS

YEARS

MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	.2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point				
71 / 69													.1					1	1					
63 / 67										.1	.3	.3						5	5					
66 / 65									.1	.1	.6	.9	.1					13	13					
64 / 63								.1	.3	.6	.3							9	9					
62 / 61					.2	.4	.3		.1	.4	.6	.3						17	17					
59 / 59					.1	.3	.1	.4	.9	1.6	.6							28	28					
58 / 57			.1	.3	.6			.9	.7	1.2								26	26					
52 / 55			.3	.3	.6	.3	1.2	1.3	1.6	1.6								39	39					
54 / 53			.1	.1	.4	1.2	1.5	.7	1.5	.4								40	40	8				
57 / 51		.3	.5	.1	1.2	1.6	1.5	1.2	1.2									52	52	6				
55 / 49		.4	.4	1.0	.9	2.1	.7	1.2	.3	.1								49	49	21				
45 / 47		.6	.1	1.2	1.5	1.5	1.2	.6	.4									53	53	18				
46 / 45			.9	1.6	1.1	1.9	.9	.1	.6									51	51	25				
44 / 43		.7	1.2	1.6	2.1	2.4	1.3	.4										55	55	60				
42 / 41		1.2	.4	1.6	1.3	1.9	.9	.3										50	50	91				
43 / 39	.1	.6	.7	.7	2.1	1.6		.1										41	41	79				
20 / 37		1.5	1.6	.7	1.2	1.0	.7											48	48	76				
26 / 35		.9	.7	.9	.4	1.0	.3											29	29	74				
34 / 33		1.2	.4	1.0	.4	.7												26	26	56				
32 / 31			.4	.6	.4	.3												12	12	54				
20 / 29		.4		.1	.4	.3												9	9	39				
28 / 27		.1	.7		.4													9	9	24				
26 / 25	.1			.3														3	3	21				
24 / 23	.1	.1																2	2	15				
22 / 21																				8				
24 / 19																				3				
18 / 17																								
16 / 15																								
14 / 13																								
12 / 11																								
10 / 9																								
8 / 7																								
6 / 5																								
4 / 3																								
Element (X)	Σ X'			Σ X		Σ		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.												≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

33

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

REVISED EDITIONS OF THIS FORM ARE OBSOLETE

0-23.5 (CL A)

FORM 1041

USAFETAC

PSYCHROMETRIC SUMMARY

73-80

FF4
MONTH

YEARS

PAGE 1

ALL
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-85

FEB
MONTH

PAGE 2

411
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2044 51665 AAF TX (EL PASO)

73-80

MAR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
7 / 64									.1		.3	.7		.1				9	9					
68 / 67								.3		.7	.3	.8	.8					21	21					
66 / 65									.1		.3	1.6	.1					16	16					
64 / 63									.3	.7	.9	.1						15	15					
62 / 61							.1		1.2	.9	1.1	.3						27	27					
60 / 59							.1	.4	1.5	1.1	.5	.1						28	28					
58 / 57					.1	.1	.5	.8	1.6	1.1								32	32					
56 / 55		.4		.3	.4	.7	1.3	1.5	1.7	.9								54	54					
54 / 53			.1		.9	1.5	1.2	1.5	1.3	.7								54	54	6	1			
52 / 51		.5		.3	.7	1.2	2.4	1.5	.7	.1								55	55	1	2			
50 / 49			.3		1.2	2.2	2.3	1.5	1.5									66	66	17	1			
48 / 47		.1		.7	.8	2.8	2.6	1.7	.9									72	72	20	4			
46 / 45		.1		.5	2.4	1.9	1.6	1.3										59	59	60				
44 / 43		.1	.4	1.1	2.4	2.2	1.1	.3										56	56	75	2			
42 / 41		.1	1.1	1.2	1.9	1.6	1.3	.4										57	57	72	7			
40 / 39		.1	1.1	.5	2.2	.7	.7											39	39	99	3			
38 / 37		.1	.3	.8	.9	1.5	.8											33	33	107	17			
36 / 35		.3	.8		.5	.7	.1											18	18	74	20			
34 / 33		.4	.3	.1	.3	1.1												16	16	74	25			
32 / 31				.4	.4	.3												6	8	61	50			
30 / 29				.3	.1	.1												4	4	20	49			
28 / 27			.1															1	1	24	76			
26 / 25			.3															2	2	14	62			
24 / 23			.1	.1														2	2	14	44			
22 / 21																				4	69			
20 / 19																				2	56			
18 / 17																					55			
16 / 15																					30			
14 / 13																					34			
12 / 11																					32			
10 / 9																					29			
8 / 7																					23			
6 / 5																					20			
4 / 3																					11			
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

27944	1065 AAF TX (EL PASO)
STATION	STATION NAME

73-8C

YEARS

MAC
MONTH

PAGE 2 0600-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-85

YEARS

MAY
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAC
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

4, 6 2
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

27144	JIGGS AAF TX (EL PASO)
STATION	STATION NAME

73-80

YEARS

MAR
MONTH

PAGE 2

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-80

MAR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
79/ 79											.1							1	1					
78/ 77														.4				3	3					
76/ 75										.1		.1	.4	.3				7	7					
74/ 73											.1	.3	.5	.9				14	14					
72/ 71									.1	.3	.4	.5	1.1	.1				19	19					
70/ 69									.1	.3	.8	1.1	1.3					27	27					
68/ 67									.1	.9	1.2	1.5	.4					31	31					
66/ 65						.1			.3	1.3	1.9	1.1	.3					37	37					
64/ 63							.1	.5	1.1	1.7	2.2	1.5						53	53					
62/ 61							.1	.3	3.1	2.6	1.2	.3	.1					59	59					
60/ 59			.1			.7	.4	1.6	1.6	1.9	1.5							59	59	1				
56/ 57				.5		.4	.5	3.8	2.3	2.0	.4	.1						78	78	1				
56/ 55		.1		.1	.1	1.6	2.3	2.7	1.6	1.2								71	71	3				
54/ 53			.3	.3	.7	.8	1.2	2.2	1.7	.8								64	64	6				
52/ 51				.1	.5	1.6	3.0	1.6	1.3									63	63	23				
50/ 49			.1		.9	1.5	1.5	1.1	.9									45	45	51				
48/ 47				.4	1.3	1.2	.7	1.1										35	35	67				
46/ 45			.1	.4	.8	1.1	.8	.7										29	29	118				
44/ 43			.3	.4	.8	.1	.4	.3										17	17	108				
42/ 41		.5	.1	.1		.4	.3	.1										12	12	111				
40/ 39		.1		.3	.3	.4												8	8	103				
36/ 37	.1		.1	.1		.3												5	5	63				
36/ 35					.1													1	1	36				
34/ 33		.1		.1														2	2	22				
32/ 31		.3			.1													3	3	18				
30/ 29																				6				
28/ 27																				2				
26/ 25																				1				
24/ 23																								
22/ 21																								
20/ 19																								
18/ 17																								
16/ 15																								
14/ 13																								
Element (X)	ΣX ²		ΣX		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

73-80

YEARS

14 MONTH

PAGE 2 0950-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
14 / 11																					37	
15 / 7																					25	
8 / 7																					17	
6 / 5																					9	
4 / 3																					1	
0 / -1																					1	
-4 / -5																					1	
TOTAL	.11	1.2	1.5	2.4	6.3	10.4	11.8	15.9	14.4	13.2	10.4	5.5	4.2	1.7				743		743	743	
																		743		743		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2144 STATION LOGS AAF TX (EL PASO)

73-80

YEARS

1168

MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																									TOTAL			TOTAL		
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point									
8/ 87																				1	1										
16/ 85																				1	1										
24/ 83																				6	6										
32/ 81																				11	11										
40/ 79																				18	18										
48/ 77																				33	33										
56/ 75																				47	47										
64/ 73																				49	49										
72/ 71																				54	54										
80/ 69																				53	53										
88/ 67																				55	55										
96/ 65																				76	77										
104/ 63																				67	67										
112/ 61																				59	59										
120/ 59																				57	57		3								
128/ 57																				35	35		1								
136/ 55																				36	36		14								
144/ 53																				21	21		31								
152/ 51																				24	24		60								
160/ 49																				15	15		99								
168/ 47																				9	9		138								
176/ 45																				6	6		176								
184/ 43																				6	6		112								
192/ 41																				2	2		63								
200/ 39																				1	1		47								
208/ 37																							15								
216/ 35																				1	1		19								
224/ 33																							14								
232/ 31																															
240/ 29																							1								
248/ 27																															
256/ 25																															
264/ 23																															
272/ 21																															
Element (X)	Σ X ²					Σ X					Σ X					Σ X					Σ X					Σ X					
Rel. Hum.																															
Dry Bulb																															
Wet Bulb																															
Dew Point																															

PSYCHROMETRIC SUMMARY

73-60

YEARS

285
MONTH

HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
15																					64			
14																					53			
13																					41			
12																					30			
11																					27			
10																					20			
9																					12			
8																					2			
7																					3			
6																					4			
5																					3			
4																					1			
3																								
2																								
1																								
0																								
-1																								
-2																								
TOTAL		.1	.4	.9	1.2	2.8	4.2	8.5	10.1	12.8	15.7	13.1	12.8	8.9	5.1	3.3	.4		743	744	743			

Element (X)	Σ x'	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	462288	16522	22.2	11.309	743	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	3224164	48548	65.3	8.695	744			41.0	20.8	3.4		91
Wet Bulb	1575992	34042	45.8	4.686	743			.1				93
Dew Point	449727	17219	23.2	8.264	743	.5	83.0					93

PSYCHROMETRIC SUMMARY

73-85

YEARS

4,25
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

27 44
STATION

11665 AAF 1, (EL PASO)
STATION NAME

73-27

YEARS

MAY
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (")																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1 / 19																					76	
1- / 17																					71	
12 / 15																					43	
14 / 13																					42	
13 / 11																					15	
15 / 9																					23	
6 / 7																					10	
5 / 3																					15	
4 / 3																					11	
2 / 1																					4	
1 / -1																					5	
- / -2																					1	
-4 / -5																					3	
-5 / -7																					1	
TOTAL		.1	.2	1.7	2.3	2.7	4.4	7.1	9.9	10.9	13.8	15.9	14.5	10.5	3.6	1.5		744	744	744		
						</																

PSYCHROMETRIC SUMMARY

4A8
MONTH

PAGE 1 1430-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-82

YEARS

MAJ
MONTH

PAGE 2

1640-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-83

YEARS

MAI
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

27044	3665 AAF TY (EL PASO)
STATION	STATION NAME

73-30

YEARS

420
MONTH

PAGE 2

2100-2350
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-83

YEARS

_____ 21 21
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-80

425
MONTH

YEARS

PAGE 3

ALL
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
14		0.3																2	2	15	539		
13		0.4																1	1	9	393		
12																					297		
11																					278		
10																					199		
9																					222		
8																					133		
7																					111		
6																					72		
5																					63		
4																					23		
3																					10		
2																					6		
1																					5		
-1																					1		
-2																							
-3																							
-4																							
-5																							
-6																							
-7																							
-8																							
-9																							
TOTAL	1.7	3.6	6.1	8.9	10.0	10.2	11.2	10.3	9.4	8.0	7.1	5.9	3.9	2.4	.9	.3		5950		5950			

Element (X)	Σx ²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	7952148	195614	32.0	17.614	5950	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	19175358	330270	55.5	11.927	5951		17.0	146.6	64.0	10.8		744
Wet Bulb	10259117	243823	41.0	6.707	5950		83.0					744
Dew Point	3512432	133944	22.5	9.141	5950	6.6	660.8					744

PSYCHROMETRIC SUMMARY

73-60

YEARS

APR
MONTH

PAGE 1

0070-0250
HOURS (L. S. T.)

[illegible]

0-26-5 (QLA)

USAFETAC

PSYCHROMETRIC SUMMARY

73-85

YEARS

22,
MONTH

PAGE 2

0000-0200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27044 213GS AAF IX (EL PASO)
STATION STATION NAME

73-80
YEARS

APR
MONTH

PAGE 1 0370-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
70/ 75													.1								1	1				
74/ 75												.3	.3	.4							7	7				
72/ 71												.3	.4								5	5				
70/ 69						.1		.1			.3	1.4	.1								15	15				
68/ 67						.1		.1		.4	.2	.4									14	14				
66/ 65								.1		.6	1.4	.1									16	16				
64/ 63					.1		.7	.4	.6	1.5	1.4	.3									36	36				
62/ 61						.6	.4	.3	1.4	.7	.8										30	30				
60/ 59				.3	.2	1.3	.3	1.0	1.4	.6	.7										45	45	2			
58/ 57				.6	.8	.1	.4	2.1	1.0	1.5											47	47	1			
56/ 55			1.2	.4	.6	.8	1.0	2.1	1.5	.4											56	56	1			
54/ 53		.3	.6	.3	.6	1.1	1.7	3.6	1.0	.1											66	66	6	1		
52/ 51		.3	.3	.3	.8	1.1	2.4	1.5	.8	.1											55	55	41	4		
50/ 49		.4	.3	.3	.3	1.5	3.1	1.9	.3												58	58	34	6		
48/ 47	.1	.1	.3	.1	.7	1.5	2.1	1.0	.1												44	44	52	13		
46/ 45			.3	1.3	1.4	2.1	1.5	.3													53	53	70	20		
44/ 43			.6	1.0	.6	1.0	1.0	.3													33	33	60	18		
42/ 41		.1	.4	.3	.6	1.9	.3	.1													29	29	68	13		
40/ 39		.1	.8	.6	1.1	1.8	.4														35	35	94	9		
38/ 37		.4	.6		1.4	.8	.7														28	28	76	17		
36/ 35		.1	.3	1.1	.8	.3	.1														20	20	59	22		
34/ 33				.7	.6	.3															13	13	38	29		
32/ 31		.4			.1	.6	.1														9	9	39	43		
30/ 29	.1		.1	.1																	3	3	39	37		
28/ 27			.1																		1	1	17	72		
26/ 25			.1																		1	1	14	64		
24/ 23																							7	40		
22/ 21																						2		66		
20/ 19																								66		
18/ 17																								51		
16/ 15																								32		
14/ 13																								35		
12/ 11																								19		
10/ 9																								16		
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										
Mean No. of Hours with Temperature																										
																							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F
																							≥ 80 F	≥ 93 F	Total	

USAFETAC FORM 026-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 7 0300-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
✓ 7																						7
✓ 5																						5
✓ 3																						3
✓ 1																						1
✓ -1																						-1
✓ -3																						-3
T-TAL	.3	2.4	5.7	7.4	12.2	16.7	15.3	15.6	8.1	6.0	5.4	2.8	1.0	.4					720			720
																			720			720

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

2-44	- 1565 AAF TX (EL PASO)
STATION	STATION NAME

73-87

YEARS

APR
MONTH

PAGE 1 7600-ORCC
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-82

YEARS

APR
MONTH

PAGE 2

DELO-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
/ 7																								
3/ 9																								
4/ 3																								
5/ 1																								
TAL	.7	1.4	5.0	7.8	11.3	14.0	14.3	14.3	12.6	8.3	5.6	3.3	1.1						720	720	720			
																			720	720	720			

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 44 1005 AAF TX (EL PASO)
STATION STATION NAME

73-80

YEARS

1P-
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
57/ 87													.1					1	1		
57/ 85												.1			.1			2	2		
47/ 83														.1	.3		.1	4	4		
47/ 81											.3		.1	.3	.4	.6		12	12		
77/ 79										.1	.1		.4	1.0	.8	.1		19	19		
77/ 77									.3		.1	.7	1.5	1.4	1.1			37	37		
70/ 75									.4	.1	.3	1.2	2.5	2.1	.6			57	57		
70/ 73									.3	.4	1.1	1.4	2.2	1.5	.1			53	53		
77/ 71							.3	.7	.3	.4	1.4	2.5	3.2	.8				69	69		
77/ 69					.1	.3	.4	.1	.6	.6	2.4	2.8	2.1					67	67		
77/ 67						.3	.3	.3	.4	1.0	2.4	2.5	.8					60	60		
57/ 65						.3	.4	.6	.6	1.4	2.4	2.4						57	57		
57/ 63					.1	.3	.3	.3	.7	2.4	2.5	.4	.1					51	51	3	
57/ 61				.3			.1	.3	1.3	2.1	1.5							46	46	7	
57/ 59				.1	.3		.6	.4	1.1	2.2	.7							39	39	12	
57/ 57						.3	.4	1.0	1.1	1.0	.1							28	28	17	
57/ 55			.1			.3	1.0	.8	1.0	.7								28	28	41	7
47/ 53				.1	.1	.3	.4	.3	.8	.3								21	21	57	7
47/ 51			.1	.1	.3	.4	.6	1.0	.7									23	23	84	1
47/ 49			.1			.1	.3	.5	.6									12	12	91	15
47/ 47		.1		.1		.4	.6											9	9	105	9
47/ 45		.3			.3		.7	.1										10	10	94	10
47/ 43				.3	.3	.3	.1											7	7	69	9
47/ 41				.1		.1												2	2	51	10
47/ 39					.1													1	1	34	19
47/ 37					.1													1	1	25	1
37/ 35																				16	30
24/ 33	.1	.3																3	3	10	33
22/ 31																				2	71
30/ 29																				1	57
27/ 27																					63
20/ 25																					69
24/ 23																					43
22/ 21																					62
Element (X)	Σ X'		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 64 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

API
MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
AFSLIAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 44 2055 AAF TX (EL PASO)
STATION NAME

72-81

YEARS

APR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
47/ 93															.1			1	1						
47/ 91														.1		.3		3	3						
47/ 89																.4	.4	6	6						
47/ 87													.4	.1	.1	.6	2.2	25	25						
47/ 85															.7	1.7	2.2	33	33						
47/ 83												.1	.1	.4	2.9	1.5	1.9	51	51						
47/ 81												.3	.3	1.5	4.4	1.9	.7	66	66						
47/ 79											.7	.6	1.3	3.3	2.4	1.9	.3	78	78						
71/ 77										.6	.3	.6	1.3	3.6	3.2	1.1		77	77						
72/ 75										.6	.6	.7	1.5	3.1	2.4	.1		64	64						
74/ 73									.7	.4	.3	1.0	2.4	2.2	.1			48	48						
77/ 71									.1	.1	1.0	1.1	2.5	1.3	.3			46	46						
77/ 69									.1	.3	1.3	1.4	1.9	.4				39	39						
77/ 67							.1	.1			.6	1.0	2.1	.4				31	31						
76/ 65							.1		.1	1.1	1.7	1.8	.1					36	26	2					
47/ 63									.7	1.0	2.1	.6						31	31	6					
72/ 61					.1		.1	.3	.1	.6	.6	.1						14	14	2					
77/ 59							.1	.1	.3	.7	.7	.1						14	14	18					
77/ 57							.1	.6	.1	1.0								13	13	36					
50/ 55			.1	.1	.1		.3	.1	1.3	.4								19	19	89					
74/ 53					.1				.4	.7	.3							11	11	110					
77/ 51									.1									3	3	197					
77/ 49							.4	.1										4	4	106					
77/ 47		.1					.2											3	3	88					
76/ 45							.1											1	1	59					
74/ 43																				39					
72/ 41																				18					
71/ 39			.1															2	2	23					
72/ 37																				10					
76/ 35		.1																1	1	5					
34/ 33																				2					
72/ 31																									
77/ 29																									
76/ 27																									
Element (X)	ΣX ²			ΣX			Σ			Σ ²			No. Obs.			Mean No. of Hours with Temperature									
Rel Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

2-44 1055 4AF TX (EL PASO)
STATION STATION NAME

73-80

YEARS

APR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEAR!

APR
MONTH

USAFETAC
FORM 0-26.5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

12 MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
27																					55
25																					62
23																					57
21																					67
19																					52
17																					42
15																					51
13																					39
11																					33
9																					15
7																					10
5																					5
3																					1
1																					4
-1																					1
-3																					1
TOTAL		.1	.3	.4	.4	.6	.4	2.1	3.5	3.6	5.3	9.0	11.5	13.6	15.6	16.0	17.0		720	720	720

PSYCHROMETRIC SUMMARY

73-82

YEARS

APR
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
31 / 31																.1	.1	2	2						
35 / 37																	.2	2	2						
41 / 45															.1		.8	12	12						
47 / 49															1.1	.8	1.6	21	21						
53 / 57											.1	.1	.4	.4	2.1	1.5	1.3	45	45						
59 / 63											.1	.1	.6	2.2	1.9	1.6	.4	52	52						
65 / 69											.1	.1	.4	2.1	1.4	1.9		44	44						
71 / 75										.1	.6	.7	1.7	3.2	2.5	.3		65	65						
77 / 79									.3		.6	1.8	4.5	1.9	1.5			76	76						
83 / 87									.3	.3	.4	1.1	2.4	2.9	.3			53	53						
89 / 93							.1	.1	.1	.4	1.3	2.6	2.6	.4				58	58						
95 / 99						.1	.2	.1	.3	.3	.7	2.9	1.4	.1				45	45						
101 / 105							.7		.6	.6	2.4	1.4	.3					38	38						
107 / 111						.1	.1	.3	.8	1.3	1.9	.7						36	36						
113 / 117				.1		.1		.6	.4	1.4	1.4	.1						30	30	1					
119 / 123			.3			.1		1.1	1.3	1.1	1.8							41	41	3					
125 / 129						.1	.1	.3	1.0	.7	.1							17	17	16					
131 / 135						.1	.1	.4	1.0	1.0								19	19	38					
137 / 141						.4	.1	.1	1.3	.3								16	16	68	1				
143 / 147				.1	.1		.3	.4	.7									12	12	102	3				
149 / 153				.1	.3		.3	.6										9	9	114	1				
155 / 159					.1		.4	.6										8	8	106	1				
161 / 165				.2		.2	.1	.1										6	6	97	9				
167 / 171			.1	.1		.3	.1											5	5	57	5				
173 / 177			.1			.1												2	2	36	9				
179 / 183				.3														2	2	32	10				
185 / 189				.1														1	1	22	17				
191 / 195																				14	21				
197 / 199																				9	31				
203 / 207																				2	43				
209 / 213																					46				
215 / 219																					59				
221 / 225																					64				
227 / 231																					54				
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

73-52

YEARS

APR
MONTH

PAGE 2 1850-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-86

YEARS

AD
MONTH

PAGE 1 0100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

2144 1200S AAF TX (EL PASO)
STATION STATION NAME

73-87

YEARS

APR
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 2144 EIGGS AAF TX (EL PASO)
STATION NAME

73-81

YEARS

APP
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point										
90/90																						1	1							
90/93																						3	3							
92/91																						6	6							
92/89																						27	27							
87/87																						65	65							
86/85																						117	117							
84/83																						129	129							
82/81																						200	200							
79/79																						252	252							
77/77																						240	240							
76/75																						286	286							
74/72																						276	276							
72/71																						255	255							
71/69																						317	317							
68/67																						272	272							
66/65																						290	290							
64/63																						310	310	12						
62/61																						264	264	14						
59/59																						308	308	54						
57/57																						253	253	127	2					
55/55																						306	306	289	6					
54/53																						285	285	435	12					
52/51																						230	230	592	33					
50/49																						209	209	639	43					
47/47																						157	157	648	76					
46/45																						161	161	594	87					
44/43																						114	114	463	77					
42/41																						95	95	448	97					
40/39																						83	83	433	108					
37/37																						56	56	325	126					
36/35																						53	53	231	164					
34/33																						33	33	172	252					
32/31																						13	13	125	435					
30/29																						7	7	71	372					
Element (X)	ΣX ²					ΣX					Σ					Σ _g					No. Obs.					Mean No. of Hours with Temperature				
Rel. Hum.																										≥ 0 F				
Dry Bulb																										≥ 32 F				
Wet Bulb																										≥ 67 F				
Dew Point																										≥ 73 F				
																										≥ 80 F				
																										≥ 93 F				
																										Total				

FORM 0-26-5 (OL A) REVISIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

GLOBAL CLIMATE POLICY WATCH
AFRIC
CLIMATE SERVICE /MAC

73-8.

YEARS

AP 3
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1

2090-0263
HOURS (L. S. Y.)

[illegible]

PSYCHROMETRIC SUMMARY

73-85

YEARS

MAY
MONTH

PAGE

2000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REV. 4-4

1Y
TH
-024C
S. I.)

New Point
14
7
1
744

$$\begin{array}{r} 92 \\ 92 \\ 92 \end{array}$$

LOCAL CLIMATOLOGY BRANCH
OFFICE
WEATHER SERVICE/MAC

2144 17065 AAF TY (EL FASO)
STATION STATION NAME

13-87

PSYCHROMETRIC SUMMARY

YEARS

DAY
MONTH

PAGE 1

2500-0516
HOURS (L - S - T)

[illegible]

PSYCHROMETRIC SUMMARY

73-81

YEARS

MAY
MONTH

PAGE 7 3300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-88

YEARS

5:11
MONTH

PAGE 1

0600-0800
HOURS (L, S, T.)

[illegible]

LOCAL CLIMATOLOGY BRANCH
 WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

STATION 1655 AAF TX (EL PASO)
 STATION NAME

73-87

YEARS

MAY
 MONTH

PAGE 2 0600-0800
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
12/ 17																						10
10/ 15																						6
14/ 13																						5
12/ 11																						1
10/ 9																						1
TOTAL	1	3.8	4.7	5.3	6.3	7.8	9.9	12.4	10.9	11.3	11.0	8.3	4.0	2.4	.5	.1	.1		744		744	
																			744		744	

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

27-44 STATION 51565 AAF TX (EL PASO)
STATION NAME

73-80 YEARS

MAY MONTH

PAGE 1 0906-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
60 / 85																.1		1	1						
64 / 83																	.1	1	1						
62 / 91													.1	.1	.1		.4	6	6						
60 / 80													.1	.1	.7	.4	.3	11	11						
68 / 87													.1	.1	.4	.7	.4	13	13						
66 / 85											.1	.3	.5	.8	1.6	.4	.7	33	33						
64 / 83									.1		.5	.3	.6	1.2	2.8	.8	.5	53	53						
62 / 81											.7	.9	1.5	2.3	2.6	1.2		70	70						
60 / 79								.1		.7	.3	1.5	1.5	4.2	1.5	.1		73	73						
70 / 77								.1	.4	.8	.7	1.5	3.6	3.6	.7	.3		68	68						
60 / 75								.1	.7	.6	1.3	3.0	2.6	1.6	.2			84	84						
60 / 73					.1	.3	.3	.7	.9	.4	1.2	2.3	1.9	.4	.4			65	65						
62 / 71					.1	.7	.8	.7	.7	.9	1.5	1.7	1.1	.3				62	62						
60 / 69					.1	.4	.4	.7	.5	1.6	.5	1.1	.7					48	48						
60 / 67				.4	.7	.5	.1	.3	.3	.8	1.1	.8						37	37	4					
60 / 65				.1	.3	.4	.6	.1	.3	.4	.3	.3						22	22	5					
60 / 63					.4	.1	.3	.4	.5	.8	.3							21	21	16					
62 / 61			.1	.1		.5	.1	.1	.5		.1							13	13	46	1				
60 / 59				.4	.1	.3	.3	.3	.1	.1								12	12	69	4				
60 / 57			.1		.4	.1	.3	.4										10	10	100	5				
50 / 55			.7	.4		.3			.1	.1								12	12	101	14				
50 / 53			.4	.3	.3													7	7	133	15				
60 / 51		.1																1	1	130	31				
60 / 49				.1														1	1	66	34				
40 / 47																				42	25				
40 / 45																				21	44				
40 / 43																				7	31				
40 / 41																					25				
40 / 39																					31				
38 / 37																					57				
36 / 35																					58				
34 / 33																					77				
32 / 31																					71				
30 / 29																					60				
Element (X)	ΣX²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

17-85

YEARS

DAY
MONTH

0455 7

2420-1160
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0.26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-80

YEARS

PER DAY
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
30/99																	.1	1	1					
30/97																	.9	7	7					
30/95																	.1	1.7	14	14				
30/93																	.5	4.4	37	37				
30/91																.3	.9	5.1	47	47				
30/89															.4	.7	2.4	4.7	61	61				
30/87											.1		.1	.1	2.0	3.6	3.4	71	71					
30/85												.1	.3	1.1	3.0	4.8	3.4	94	94					
30/83									.1	.1		.5	1.1	1.5	4.4	1.6	2.0	85	85					
30/81											.9	.8	.8	2.0	2.6	1.6	.3	67	67					
30/79								.1	.1	.5	1.6	.7	.5	3.2	2.3	.8		72	72					
30/77								.4	.4	.7	.3	.3	1.7	1.7	.9			47	47					
30/75								.4	.7	.8	.1	.8	1.1	.7	.1			35	35					
30/73							.4	.4	.1	.4	.4	.4	1.2	.3	.1			25	25					
30/71							.3		.1	.7	.1		.5	.1				14	14					
30/69						.1	.1		.4	.1	.5	.8	.3					18	18					
30/67							.1	.5	.5		.5	.3						15	15	3				
30/65							.3	.1	.3		.4	.4						11	11	8				
30/63					.1	.3	.3				.3		.1					8	8	27				
30/61					.4	.1												4	4	72				
30/59					.3	.3	.1											5	5	119				
30/57																				3				
30/55			.1	.3														2	2	123				
30/53																		3	3	121				
30/51																				125				
30/49																				77				
30/47																				34				
30/45																				17				
30/43																				6				
30/41																				1				
30/39																								
30/37																								
30/35																								
30/33																								
Elements (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

73-81

YEARS

 MAY
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

2 44	1365 AAF TX (EL PASO)
STATION	STATION NAME

73-27

YEARS

MAY
MONTH

PAGE 1

120-1713
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-82

YEARS

MAY
MONTH

CASE 7

1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
31/ 31																					31	
30/ 29																					53	
29/ 27																					42	
28/ 25																					46	
27/ 23																					33	
26/ 21																					38	
25/ 19																					47	
24/ 17																					27	
23/ 15																					14	
22/ 13																					5	
21/ 11																					6	
20/ 9																					4	
19/ 7																					3	
18/ 5																					1	
TOTAL		.3	.1	.5	.3	1.6	1.3	.9	1.5	3.0	4.3	4.6	4.7	7.3	11.2	16.1	41.6	744	744	744		

Element (X)	Σx ²	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	326246	12598	17.3	11.788	744	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5321306	62532	84.2	8.718	744			90.3	83.4	70.3	13.3	93
Wet Bulb	2362998	41842	56.2	3.536	744							93
Dew Point	817270	23606	31.7	9.527	744		50.0					93

PSYCHROMETRIC SUMMARY

2744	PIGGS AAF TX (EL PASO)
STATION	STATION NAME

73-87

YEARS

W A Y
MONTH

PAGE 1 1870-2030
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
51/ 91																	.5	4	4						
54/ 93																	.1	2.5	16	16					
57/ 91																.1		3.2	25	25					
59/ 89																.1	.9	3.4	33	33					
61/ 87														.5	.4	1.7	2.6	37	37						
66/ 81													.1		.7	2.2	3.4	3.0	70	70					
74/ 93											.1	.1	.5	.8	4.0	1.3	1.6	64	64						
76/ 91								.1			.1	.4	.7	1.0	3.4	2.4	1.2	76	76						
77/ 79										.1	.4	.9	1.2	3.6	1.5	1.5	.3	70	70						
77/ 77							.1		.1	.3	.4	.3	1.1	2.7	1.6	.3		51	51						
77/ 75									.4	.5	.7	1.5	1.3	2.2	1.7			59	59						
77/ 72							.1	.5	.7	.7	.4	.9	1.9	.7	.5			45	45						
77/ 71						.1	.1	1.1	.3	1.2	.8	.7	.8	.2				40	40						
77/ 69					.5	.3	.3	.5	.5	.9	.5	.9	1.3	.4				45	45						
77/ 67					.1		.4	.7	.5	.4	.7	.5						25	25	2					
76/ 65			.1	.4	.1	.3	.5	.5	.4	.1	.3	.4						24	24						
77/ 63		.1	.1	.4	.3	.3	.2	.3		.4		.5						20	20	4					
77/ 61		.4	.4	.4	.1		.1	.3	.1	.1								15	15	23					
77/ 59	.1	.1			.1	.1		.1		.1								6	6	67					
78/ 57	.1	.1	.1	.3	.1			.1	.1									8	8	117					
80/ 55		.1	.3		.1													4	4	122					
87/ 53		.3		.5														4	4	159					
87/ 51				.4														3	3	112					
87/ 49																				62					
87/ 47																				43					
87/ 45																				25					
87/ 43																				5					
87/ 41																				8					
85/ 39																				32					
85/ 37																				49					
86/ 35																				46					
86/ 33																				57					
87/ 31																				77					
87/ 29																				57					
Element (X)	Σ X ¹		Σ X		Σ		Σ _s		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum											± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

24
MONTH

PAGE 7 1800-2010
HOURS (L. S. T.)

[illegible]

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 44 BIGGS AAF TX (EL PASO)
STATION STATION NAME

73-66

YEARS

MAY
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
85																		.1	1	1				
87																		1.1	5	8				
89															.1	.4		.7	9	9				
91													.1	.1	.1	.8	.3	.6	17	17				
93											.3	.1	.5	.9	1.5	.4	.5	32	32					
95										.4	.1	.3	.7	1.2	.8	1.2		50	50					
97								.1	.3	.1	.3	.9	1.7	1.7	2.6	1.7		63	63					
99							.1	.3	.1	.3	.9	2.3	2.3	1.7	1.6			72	72					
101						.1		.4	.3	.7	1.9	1.7	1.2					54	54					
103					.1			.4	1.1	.5	1.9	1.3	1.6	.9				56	56					
105				.2	.4	.7	.5	.4	1.6	2.4	1.6	1.1						67	67					
107			.1	.1	.7	.5	1.3	.7	1.2	1.1	2.3	.1	.1					62	62					
109				.1	.5	.5	.7	.9	.7	1.5	1.5	.4						51	51					
111			.4	.5	.6	.7	1.1	.4	.8	.7	1.2	.2						50	50		4			
113		.4	.9	.7	.4	.1			.9	.9	.9							47	47	19				
115		.4	.7	.4	.1	.4	.4	.7	.5	.5								31	31	20	3			
117		.4	.1	.5		.3	.5	1.1	.8	.0	.1							36	36	61	10			
119		.3	.5	.3			.7	.4	.1									17	17	80	17			
121	.1	.3		.4	.1				.3									9	9	121	15			
123		.1	.3	.5	.1				.1									9	9	125	18			
125			.3															2	2	112	32			
127																				74	21			
129																				59	26			
131																				37	24			
133																				17	24			
135																				12	22			
137																				2	35			
139																					41			
141																					56			
143																					57			
145																					54			
147																					55			
149																					34			
151																					24			
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) MAY 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL CLIMATE/CLIMATE BRANCH
 OF TAC
 & WEATHER SERVICE/MAC

73-8C

YEARS

DAY
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC	FORM JUL 64	0 20 5 (CLA)	REVISED PREVIOUS EDITIONS OF THIS FORM ARE	ESOLITE
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PSYCHROMETRIC SUMMARY

73-86

YEARS

MAY
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
51/69																		.1	5	5						
52/97																		.2	12	12						
53/95																		.9	58	58						
54/93																		1.2	112	112						
57/91													.2	.2	.1	.2	2.0	134	134							
58/89													.2	.1	.2	.8	2.1	186	186							
59/87												.5	.2	.1	.5	1.3	2.7	215	215							
60/85												.5	.1	.2	.5	1.2	1.7	246	246							
61/83									.2	.0	.1	.2	.4	.5	1.5	.7	1.0	286	286							
62/81									.5	.2	.3	.4	.5	1.1	1.6	1.0	.5	315	315							
63/79									.2	.0	.3	.5	.6	2.3	1.6	.5	.0	348	348							
64/77								.0	.1	.2	.4	.5	.6	1.2	1.4	.7	.1	335	335							
65/75						.2	.0	.2	.3	.4	.7	1.3	1.3	1.2	.6			358	358							
66/73					.3	.1	.2	.4	.5	.4	.8	1.1	1.5	.5	.2			326	326							
67/71					.3	.1	.3	.4	.5	.9	1.1	1.1	1.1	.3				344	344							
68/69				.3	.1	.3	.4	.5	.6	1.1	1.2	1.2	.8	.1				333	333							
69/67			.0	.1	.2	.2	.3	.7	.7	.9	.9	1.3	.1	.0				322	322	4						
70/65			.0	.2	.3	.5	.6	.7	.7	.9	.6	.5	.0					293	293	2						
71/63		.0	.2	.2	.5	.4	.6	.6	.7	.6	.6	.2						275	275	66						
72/61		.2	.3	.4	.3	.4	.2	.7	.8	.5	.4	.0						252	252	266						
73/59	.2	.3	.4	.4	.4	.3	.5	.5	.5	.5	.0							231	231	444						
74/57	.2	.4	.3	.4	.3	.2	.5	.7	.6	.2	.0							217	217	647						
75/55		.4	.4	.5	.2	.7	.5	.5	.3	.2								216	216	730						
76/53	.0	.4	.3	.3	.3	.2	.3	.3	.3	.1								138	138	1						
77/51	.1	.2	.2	.2	.1	.5	.4	.2	.1									125	125							
78/49	.0	.2	.3	.2	.1	.2	.2	.1										.7	76							
79/47	.1	.1	.1	.1	.2	.1	.1	.1										.4	46	4.0						
80/45		.2	.3	.1	.2	.1	.1	.1										.2	25	367						
81/43	.1	.1		.1	.2	.2	.2											.1	13	237						
82/41	.1																	.3	.3	162						
83/39			.0		.0	.0												.3	.3	97						
84/37			.0		.0	.0												.2	.2	57						
85/35																				25						
86/33																				9						
Element (X)	Σ X ²				Σ X				Σ				Σ				No. Obs.				Mean No. of Hours with Temperature					
Rel. Hum.																					≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total					
Dry Bulb																										
Wet Bulb																										
Dew Point																										

PSYCHROMETRIC SUMMARY

27044 SIGGS, AAF IX (EL PASO)
STATION STATION NAME

73-61

YEARS

PLAY
MONTH

PAGE 2

111
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-82

YEARS

31
MONTH

PAGE 1 2000-0240
HOURS (L. S. T.)

[illegible]

JSAFETAC FORM 0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-811

YEARS

1999
MONTH

PAGE 2

~~0000-0200~~
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 44 51665 AAF TX (FL PASO)
STATION STATION NAME

73-80

YEARS

JULY
MONTH

PAGE 1

0320-0500
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
87 / 87																.1	.3	3	3						
86 / 85																		4	4						
84 / 83													.4	.5	.4			10	10						
82 / 81												.6	.4	1.1	.1	.1		17	17						
79 / 79										.1	.1	.6	1.7	1.3	.3			26	26						
77 / 77								.4	.1		.6	1.3	1.1	.6	.7	.1		32	32						
75 / 75							.2	.7	.7	1.0	1.3	2.1	1.4	.7	.4			59	59						
74 / 75							.3	1.3	1.5	.8	1.3	1.9	1.0	.1				59	59						
71 / 71				.5	.7	.1	1.9	1.3	1.1	2.2	.8	1.9	.7					80	80						
70 / 69		.1		.1	1.7	1.7	1.5	1.1	1.1	1.5	1.4	.4	.1					81	81						
67 / 67		.1	.4	1.1	.9	1.5	1.5	.4	2.1	.4	.8	.1						79	79	2	2				
66 / 65	.1	.3	.3	.1	1.1	.8	1.1	1.4	1.1	.6	1.4	.1						61	61	5	1				
64 / 65		.3	1.3	1.0	1.0	1.0	.1	.8	.8	.7	.3	.1						51	51	19	4				
62 / 61		.3	.7	.6	1.7	.6	.7	1.5	1.4	1.3	.3							61	61	40	4				
59 / 56			1.7	.4	.3	.6	1.3	.1	.6	.7								36	36	76	17				
57 / 57	.5		.4	.1	.3	.4	1.3	.3	.9	.3								53	53	101	1				
55 / 55		.6			.1	.4		.1	.3									13	13	112	51				
54 / 53					.1	.1		.3										4	4	98	43				
51 / 51			.1			.1		.4	.1									6	6	78	52				
50 / 49					.4													3	3	72	31				
47 / 47																				47	36				
46 / 45																				55	49				
44 / 43																				22	26				
42 / 41																				14	35				
39 / 39																				7	45				
37 / 37																				3	55				
36 / 35																					61				
34 / 33																					39				
32 / 31																					41				
29 / 29																					25				
27 / 27																					21				
26 / 25																					16				
24 / 23																					25				
22 / 21																					16				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

73-61

YEARS

122
MONTH

PAGE 2

2322-251
HOURS (L. S. T.)

[illegible]

USAFETAC
CLIMATE
ATMOSPHERIC SERVICE/MAC

PSYCHROMETRIC SUMMARY

27-44 STATION WIGGS AAF TX (LL PASO) STATION NAME

73-80 YEARS

JUN MONTH

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
4 / 5																	.1	1	1					
5 / 9																	.3	2	2					
6 / 10																	.7	14	14					
7 / 87													.4	.1	.1	.6		9	9					
8 / 85										.1		.1	.3	.6	.6	.1	.1	14	14					
9 / 83										.3	.1	.1	.7	1.4	.8	.1	.1	27	27					
10 / 81								.1	.4	.4	1.3	.7	1.4	1.5	.7		.1	48	48					
11 / 79							.1	.1	1.3	1.7	.8	1.4	2.2	1.8	.4	.3		70	70					
12 / 77						.4	1.0	.4	2.4	.8	1.1	1.0	.6	.6	.3			61	61					
13 / 75					.1	.1	.6	1.5	1.9	1.5	2.4	1.9	1.4	1.1				90	90					
14 / 73					.3	.6	.8	1.9	1.1	1.0	1.3	1.1	.4	.1	.1			63	63					
15 / 71					.1	.1	1.5	1.4	1.4	1.5	1.3	.6						64	64					
16 / 69			.1	1.0	.4	1.8	1.3	1.1	1.1	1.3	.7	.7	.3					73	73	1				
17 / 67			.1	.6	.9	1.0	.6	.6	1.4	.7	.4	.6						48	48	4				
18 / 65		.6	.4	.7	1.3	.4	.7	.6	.6	.4	.4	.1						44	44	15				
19 / 63		.1	1.0	.8	.4	.3	1.1	.8	.3	.7	.1							39	39	57	6			
20 / 61		.4	.3	.3	.4		.4	.3	.6	.1								24	24	89	10			
21 / 59		.3	.3	.1	.3	.6	.6		.1									16	16	114	22			
22 / 57		.1	.3			.1	.1	.1	.4									9	9	108	40			
23 / 55		.1																1	1	96	58			
24 / 53					.1													1	1	77	49			
25 / 51																				68	44			
26 / 49																				43	52			
27 / 47																				23	32			
28 / 45																				14	45			
29 / 43																				7	32			
30 / 41																				1	41			
31 / 39																					46			
32 / 37																					61			
33 / 35																					50			
34 / 33																					26			
35 / 31																					25			
36 / 29																					20			
37 / 27																					22			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 54 JUN 64 0-26-5 (OL A) REVISED EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-82

YEARS

MONTH

PAGE 2

3600-282
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 25																					10
24 / 23																					17
2 / 21																					2
20 / 18																					2
17 / 17																					2
16 / 16																					1
14 / 13																					4
12 / 11																					2
1 / 13 L		1.7	2.5	3.4	4.9	6.1	7.6	9.9	11.0	12.1	9.6	8.3	3.1	6.8	3.9	2.2	1.3		719	719	719
																		719		719	

USAFETAC FORM 0-26 5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-8.7

YEARS

MONTA

PAGE 1 5950-110
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0 26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHOMETRIC SUMMARY

YEARS

July
MONTH

~~0900-1100~~
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
35/ 35																					36					
34/ 33																					35					
32/ 31																					37					
30/ 29																					34					
28/ 27																					30					
26/ 25																					26					
24/ 23																					7					
22/ 21																					1					
20/ 19																					1					
18/ 17																					6					
16/ 15																					3					
14/ 13																					1					
TOTAL		1	7	6	1.7	1.4	1.4	3.2	5.0	5.0	2.2	10.0	0.6	10.4	0.6	11.2	24.4		720	720	720					

Element (X)	Σx^1	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum.	617873	12434	25.6	14.245	720	$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\geq 67^\circ\text{F}$	$\geq 73^\circ\text{F}$	$\geq 80^\circ\text{F}$	$\geq 93^\circ\text{F}$	Total
Dry Bulb	5364253	61925	26.7	7.296	720			39.5	86.4	74.1	17.4	420
Wet Bulb	2706451	44647	61.2	4.754	720			6.8				420
Dew Point	1440332	31322	43.5	10.398	720		14.4					420

PSYCHROMETRIC SUMMARY

73-80

YEARS

JUN
MONTH

PAGE 1 1200-1410
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
11 / 109																		.1	1	1					
10 / 107																		1.3	9	9					
9 / 105																		3.6	26	26					
8 / 103																		4.3	31	31					
7 / 101																		7.7	55	55					
6 / 99																		9.2	66	66					
5 / 97															.1	.1	.6	10.2	79	79					
4 / 95															.4	.7	1.8	8.5	52	52					
34 / 93														.4	.8	1.9	2.1	7.5	89	89					
32 / 91													.3	.4	1.1	2.1	1.5	4.7	73	73					
30 / 89												.1	.4	.6	1.4	1.3	1.8	2.4	59	59					
28 / 87												.1	.6	1.1	.6	1.4	.7	1.2	39	39					
26 / 85											.4	.3	.7	.3	.8	.4	1.4	.4	35	35					
24 / 83										.1	.8	.6	.6	.7	.6	.6	.1	.3	27	27					
22 / 81								.1	.3	.6	.6	.3		.4	.3		.1		22	22					
20 / 79							.1	.1	.1	.1	.1			.4	.3				9	9					
18 / 77								.3	.3	.3	.1								5	5					
16 / 75						.3		.1											3	3					
14 / 73							.1												1	1					
12 / 71					.3			.1											3	3	2				
10 / 69							.1												1	1	15				
8 / 67			.1	.1															2	2	56				
6 / 65																					153				
4 / 63																					161				
2 / 61																					136				
0 / 59																					69				
34 / 57																					53				
32 / 55																					35				
30 / 53																					5				
28 / 51																					2				
26 / 49																									
24 / 47																									
22 / 45																									
20 / 43																									
18 / 41																									
16 / 39																									
14 / 37																									
12 / 35																									
10 / 33																									
8 / 31																									
6 / 29																									
4 / 27																									
2 / 25																									
0 / 23																									
34 / 21																									
32 / 19																									
30 / 17																									
28 / 15																									
26 / 13																									
24 / 11																									
22 / 9																									
20 / 7																									
18 / 5																									
16 / 3																									
14 / 1																									
12 / -1																									
10 / -3																									
8 / -5																									
6 / -7																									
4 / -9																									
2 / -11																									
0 / -13																									
34 / -15																									
32 / -17																									
30 / -19																									
28 / -21																									
26 / -23																									
24 / -25																									
22 / -27																									
20 / -29																									
18 / -31																									
16 / -33																									
14 / -35																									
12 / -37																									
10 / -39																									
8 / -41																									
6 / -43																									
4 / -45																									
2 / -47																									
0 / -49																									
34 / -51																									
32 / -53																									
30 / -55																									
28 / -57																									
26 / -59																									
24 / -61																									
22 / -63																									
20 / -65																									
18 / -67																									
16 / -69																									
14 / -71																									
12 / -73																									
10 / -75																									
8 / -77																									
6 / -79																									
4 / -81																									
2 / -83																									
0 / -85																									
34 / -87																									
32 / -89																									
30 / -91																									
28 / -93																									
26 / -95																									
24 / -97																									
22 / -99																									
20 / -101																									
18 / -103																									
16 / -105																									
14 / -107																									
12 / -109																									
10 / -111																									
8 / -113																									
6 / -115																									
4 / -117																									
2 / -119																									
0 / -121																									
34 / -123																									
32 / -125																									
30 / -127																									
28 / -129																									

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-82

YEARS

100
MONTH

PAGE 2

~~1200-1462~~
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
41 / 41																					29	
40 / 39																					29	
39 / 37																					21	
38 / 36																					35	
37 / 33																					49	
36 / 31																					63	
35 / 29																					28	
34 / 27																					14	
33 / 25																					20	
32 / 23																					9	
31 / 21																					15	
30 / 19																					5	
29 / 17																					2	
28 / 15																					1	
TOTAL			.1	.1	.3	.4	.4	.8	1.1	1.3	1.8	2.5	4.6	6.5	8.2	10.2	11.2	7.17	7.17	7.17	7.17	

Element (X)	Z _x ¹	Z _x	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2F6655	12475	17.4	9.860	717	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6349151	67287	93.8	6.951	717			90.0	89.2	87.6	55.0	50
Wet Bulb	2812748	44840	62.5	3.451	717			9.2				90
Dew Point	1234023	29001	40.4	9.230	717			19.6				90

USAFETAC FORM 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

2744	11065 AAF TX IEL PASO1
STATION	STATION NAME

73-65

YEARS

11
MONTH

PAGE 1

1530-1730
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
11/105																		1.3	7	7													
26/107																		2.9	21	21													
13/105																		5.2	38	38													
14/103																		8.2	59	59													
17/101																		9.3	67	67													
18/99																	.6	11.0	83	83													
8/97																	.1	11.0	90	90													
25/95														.1	.4		.4	9.9	78	78													
24/93														.4	.5		1.3	7.5	75	75													
22/91												.1	.1	.5	1.7	.7	5.1	60	60														
21/89												.4	.1	1.4	1.5	2.4	1.9	56	56														
20/87											.6	.3	.7	.3	.6	1.4	1.7	34	34														
15/85										.1	.6	.1	.3	.6	.6	.8	.1	23	23														
14/83										.1	.1	.1	.3	.6	.4	.7		14	14														
12/81										.4			.1					4	4														
10/79							.2			.2								4	4														
7/77						.1				.1								1	1														
26/75						.1		.1	.1									3	3														
24/73					.1		.1	.1										3	3														
22/71				.3	.3		.1											5	5														
21/69			.5	.1		.1												4	4		10												
20/67																					50												
15/65																					120												
14/63																					179												
22/61																					154												
21/59																					121												
20/57																					57												
22/55																					10												
24/53																					6												
22/51																																	
20/49																																	
22/47																																	
20/45																																	
24/43																																	
Element (X)	Z _X ¹	Z _X	X	e _X	No. Obs.	Mean No. of Hours with Temperature															Total												
Rel. Hum.						± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F					Total																	
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

PSYCHROMETRIC SUMMARY

23044	WIGGS AAF IX (EL PASO)
STATION	STATION NAME

73-87

YEARS

1112
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-86

YEARS

1119
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23044 SIGGS AAF TX (EL PASO)
STATION STATION NAME

73-80
YEARS

JUN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point					
97/ 97																	.3	6	6						
96/ 95																	1.3	9	9						
94/ 93																.1	.1	4.0	31	31					
92/ 91															.1	.7	.8	3.8	39	39					
90/ 89													.1	.3	1.9	1.5	3.1	50	50						
88/ 87												.2	.3	.7	.6	1.8	2.5	44	44						
86/ 85										.3	.1	.6	.6	1.4	1.5	1.7	1.5	55	55						
84/ 83									.4		1.0	1.4	1.8	1.8	2.4	1.3	1.3	61	81						
82/ 81							.3	.3	.8	1.4	1.9	1.9	1.9	1.7	1.5	.3	.1	74	74						
80/ 79							.2	1.4	1.4	1.1	.4	1.3	3.5	.4	.3	.1		73	73						
78/ 77						.4	.7	1.3	1.3	.7	1.3	.7	1.1	.3	.1			56	56						
76/ 75					.1	.1	.4	.8	1.4	.7	.8	.7	1.4	.6	.1			52	52						
74/ 73					.2	.1	1.4	.6	.1	.3	.9	1.4	1.1	.1				45	45						
72/ 71				.1	.1	.3	.4	.6	.1	.3	.7	.3						21	21						
70/ 69			.1	.1	.1	.7	.3		.1	1.1	.4	.4	.3					27	27						
68/ 67			.1	.3	.3	.3			.1	.3	.1	.3						13	13	9					
66/ 65	.1		.1	.6	.1	.1		.1	.6	.1	.3	.1						17	17	25	3				
64/ 63	.3	.1		.6	.1			.3		.1	.3							13	13	63	4				
62/ 61	.1	.4	.3							.3								8	8	116	6				
60/ 59		.3							.1									3	3	136	13				
58/ 57		.3																2	2	103	19				
56/ 55																				90	34				
54/ 53																				80	34				
52/ 51																				56	25				
50/ 49																				22	40				
48/ 47																				10	27				
46/ 45																				6	39				
44/ 43																				3	33				
42/ 41																					27				
40/ 39																					43				
38/ 37																					47				
36/ 35																					67				
34/ 33																					36				
32/ 31																					60				
Element (X)	Σ X'			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature						Total			
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

73-80

YEARS

1134
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-80

YEARS

3111
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point											
110/109																		.1	2	2											
108/107																		.6	34	34											
106/105																		1.3	76	76											
104/103																		1.8	106	106											
102/101																		2.8	161	161											
100/ 99																	.1	3.4	197	197											
98/ 97															.0	.0	.1	4.2	248	248											
96/ 95															.1	.2	.5	4.3	289	289											
94/ 93													.1	.2	.5	.6	3.9	302	302												
92/ 91												.0	.1	.4	.9	1.0	3.2	323	323												
90/ 89												.2	.2	.4	.7	1.1	1.0	2.1	351	351											
88/ 87												.2	.4	.5	.6	.7	1.3	1.0	275	275											
86/ 85										.0	.2	.3	.6	.6	.7	1.0	1.0	.5	286	286											
84/ 83										.0	.1	.2	.6	.6	.8	1.2	1.1	.4	308	308											
82/ 81									.2	.3	.5	.7	.8	.9	1.1	.8	.2	.1	317	317											
80/ 79							.1	.2	.7	.8	.6	.6	1.2	1.2	.3	.2	.0		333	333											
78/ 77						.1	.1	.4	.5	.7	.5	.8	.6	.5	.2	.2			268	268											
76/ 75					.1	.1	.3	.7	.6	.6	.9	.8	.8	.3	.1				314	314											
74/ 73				.0	.2	.2	.5	.7	.6	.4	.6	.7	.6	.1	.0				266	266											
72/ 71			.0	.1	.4	.4	.7	.7	.4	.8	.5	.4	.2	.0					271	271	4										
70/ 69		.0	.1	.3	.4	.7	.6	.4	.4	.7	.4	.2	.1						253	253	38										
68/ 67		.1	.1	.2	.3	.4	.6	.2	.6	.3	.3	.2	.0						190	190	190	4									
66/ 65	.0	.1	.2	.3	.5	.7	.5	.4	.4	.2	.3	.1							165	165	493	11									
64/ 63	.1	.1	.3	.5	.2	.2	.2	.2	.2	.2	.2	.0							140	140	785	36									
62/ 61	.0	.2	.2	.1	.2	.1	.1	.3	.3	.2	.1								109	109	890	49									
60/ 59	.0	.2	.2	.1	.1	.2	.3	.1	.1	.1	.0								80	80	901	109									
58/ 57	.0	.2	.1	.0	.0	.1	.2	.1	.2	.0									50	50	737	178									
56/ 55		.1			.0	.1	.0	.1	.0	.1									17	17	564	213									
54/ 53					.0	.0	.0	.0	.0										6	6	415	280									
52/ 51			.0			.0		.1	.0										6	6	290	276									
50/ 49					.1														3	3	192	294									
48/ 47																					111	246									
46/ 45																					67	374									
44/ 43																					43	290									
Element (X)	Σ x ²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature																				
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total								
Dry Bulb																															
Wet Bulb																															
Dew Point																															

PSYCHROMETRIC SUMMARY

73-82

YEARS

1118
MONTH

PAGE 2

618

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-85

YEARS

 JUL
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
74/ 93																.1		1	1					
92/ 91																	.1	1	1					
90/ 89																.1		1	1					
88/ 87											.1			.4	.1	.1	.1	7	7					
86/ 85										.5	.3	.4	.8	.1	.1			17	17					
84/ 83										.3	.4	.9	2.6	1.1	1.3	.3		51	51					
92/ 81						.3		.3	.8	2.2	3.0	1.2	.9	.7	.1			70	70					
90/ 79					.1			1.2	1.6	3.2	1.9	1.3	.2	.1				77	77					
78/ 77						.3	1.2	2.3	3.0	1.3	.3	.7	.1	.1				69	69					
76/ 75			.1	.1	.5	1.9	2.3	2.8	1.6	.1	.4	.1						75	75					
74/ 73			.3	.9	2.2	2.7	3.1	1.1	.3	.3	.1							81	81					
72/ 71		.1	1.3	.9	4.8	3.1	1.2	.3	.1									89	89	5				
70/ 69		.5	3.1	4.2	2.7	1.3	.5	.1	.5									97	97	9	4			
68/ 67	.3	1.5	4.2	1.9	.7	.4	.1											67	67	49	15			
66/ 65		1.7	1.6	.5														29	29	121	23			
64/ 63	.3	.4		.1	.1													7	7	238	71			
62/ 61	.4	.1		.1														5	5	185	86			
60/ 59																				63	84			
58/ 57																				47	81			
56/ 55																				23	85			
54/ 53																				3	54			
52/ 51																				1	62			
50/ 49																					45			
48/ 47																					42			
46/ 45																					11			
44/ 43																					21			
42/ 41																					14			
40/ 39																					15			
36/ 37																					17			
36/ 35																					6			
34/ 33																					3			
30/ 29																					3			
28/ 27																					2			
Element (X)	Σ X'			Σ X		X		n		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

73-69

YEARS

 JULY

PAGE 2

0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

27044	CIGGS AAF TX (EL PASO)
STATION	STATION NAME

73-80

YEARS

 JUL
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
90/ 80														.1					1	1												
88/ 87														.1		.1	.1		3	3												
86/ 85														.1					1	1												
84/ 83										.1				.1	.3				4	4												
82/ 81									.3	.4	1.2	.3	.1						17	17												
80/ 79					.1		.1	.3	1.1	1.7	.9	.4	.3						37	37												
78/ 77				.1	.1		.9	1.5	1.6	1.7	.5	.9			.1				57	57												
76/ 75			.1	.1	.1	1.1	2.2	2.8	2.3	.7	1.2	.7	.1						84	84												
74/ 73			.1	.3	1.3	1.5	3.8	1.9	1.1	.5	.7		.1						84	84												
72/ 71		.3	.8	1.3	4.2	2.4	.9	.7	.5	.5	.3								89	89												
70/ 69		.5	2.4	4.4	4.2	2.6	.5	.5	.3	.3									117	117	6	1										
68/ 67	.4	1.6	4.3	5.1	2.2	.9	.4	.3	.1										111	111	29	16										
66/ 65		3.5	4.6	2.6	.4	.4	.5	.3											91	92	85	28										
64/ 63	.1	2.6	1.7	.4															36	36	203	62										
62/ 61	.5	.1	.5	.1															10	10	205	98										
60/ 59				.1															1	1	114	93										
58/ 57																					40	105										
56/ 55																					29	86										
54/ 53																					22	54										
52/ 51																					5	52										
50/ 49																					2	36										
48/ 47																						26										
46/ 45																						19										
44/ 43																						14										
42/ 41																						16										
40/ 39																						13										
38/ 37																						19										
36/ 35																						1										
34/ 33																						1										
32/ 27																						2										
26/ 25																						1										
TOTAL	1.1	8.6	14.4	14.5	12.7	8.7	9.4	8.2	7.3	6.1	4.8	2.3	.8	.8	.1	.1			743		743											
Element (X)	Σx ²		Σx		Σ		Σ ₂		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.	3108651		45663		61.5		20.185		743		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total									
Dry Bulb	3796652		53018		71.3		4.997		744						75.6		36.0		5.6				93									
Wet Bulb	2843118		45897		61.8		3.271		743						4.8								93									
Dew Point	2345309		41403		55.7		7.172		743				.4		2.1								93									

PSYCHROMETRIC SUMMARY

25044 RIGGS AAF TX (EL PASO)
STATION STATION NAME

73-80

YEARS

July
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
92/ 91												.1	.1	.5	.1	.4	.1	.1	1	1					
88/ 87												.1	.4	.9	.5	.3	.4	.1	11	11					
86/ 85										.1	.1	.4	.9	.5	.3	.4	.1	.1	22	22					
84/ 83								.1	.1	.2	.7	1.6	.5	.1	.4	.1	.1	.1	35	35					
82/ 81							.1	.8	.7	1.7	1.5	.1	.4	.1	.1				42	42					
80/ 79						.1	.5	2.0	3.0	2.2	1.1	.5	.3	.1					73	73					
78/ 77				.3	.5	1.5	2.2	1.7	.9	.5		.4	.1						61	61					
76/ 75				.3	.3	2.3	3.5	3.2	1.5	.5	.1		.1						88	88					
74/ 73			.1	1.1	3.2	4.3	3.0	1.9		.4	.4								107	107					
72/ 71		.4	.7	1.3	4.7	1.3	.8	.5	.1	.4	.1								78	78					
70/ 69		.9	1.1	6.0	2.6	1.1		.4											90	90	21				
68/ 67	.1	2.2	3.5	2.0	1.3	.4	.1	.1	.1										74	74	60				
66/ 65		2.0	2.7	.3	.4	.3	.3												44	44	151				
64/ 63	.3	.5	.8																12	12	243				
62/ 61	.4	.1	.1	.1															6	6	142				
60/ 59																					68				
58/ 57																					26				
56/ 55																					22				
54/ 53																					6				
52/ 51																					3				
50/ 49																									
48/ 47																									
46/ 45																									
44/ 43																									
42/ 41																									
40/ 39																									
38/ 37																									
36/ 35																									
34/ 33																									
32/ 31																									
30/ 29																									
28/ 27																									
TOTAL	.3	6.2	9.0	11.2	12.8	10.5	9.8	11.3	8.1	7.0	5.9	2.7	2.2	1.1	1.1	.3	.3		744		744				
Element (X)	Σx'		Σx		X		e _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	2723890		42620		57.3		19.496		744		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total		
Dry Bulb	4115614		55170		74.7		5.752		744						85.3		55.0		19.8				93		
Wet Bulb	2969243		46945		53.1		3.092		744						10.4								93		
Dew Point	2399360		41938		56.4		6.901		744						.8		2.4						93		

PSYCHROMETRIC SUMMARY

73-80

YEARS

Jul
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/101																	.1	1	1		
100/ 99																	.7	5	5		
98/ 97																	.4	5	5		
96/ 95															.1	.4	2.2	1.1	26	28	
94/ 93												.1	.4	1.5	1.5	1.1	1.2	43	43		
92/ 91											.1	.9	1.5	3.0	1.3	.4	.7	59	59		
90/ 89											1.7	1.9	4.2	1.9	1.1	.9	.1	88	88		
88/ 87										.3	.8	2.7	3.6	2.2	.1			72	72		
86/ 85							.1		.7	2.3	3.6	3.0	.4	.1	.3			78	78		
84/ 83							.1	.9	2.8	3.0	2.6	.4	.1	.1				75	75		
82/ 81						.3	.9	3.8	3.5	2.4	.3		.1					84	84		
80/ 79					.1	.4	1.3	4.3	1.3	.5								60	60		
78/ 77					.4	1.1	3.6	1.2	.7									52	52		
76/ 75			.1	.1	1.2	2.3	.4	.7										40	40		
74/ 73			.3	.5	1.2	1.5	.1											27	27	3	
72/ 71			.4	.4	.5													10	10	13	1
70/ 69	.1	.1	.4	.7														10	10	95	3
68/ 67		.3	.5	.1														7	7	195	8
66/ 65																				275	24
64/ 63																				109	49
62/ 61																				41	79
60/ 59																				10	114
58/ 57																				3	99
56/ 55																					83
54/ 53																					97
52/ 51																					61
50/ 49																					43
48/ 47																					22
46/ 45																					29
44/ 43																					6
42/ 41																					4
40/ 39																					12
38/ 37																					5
36/ 35																					5
Element (X)	Σ X ²	Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

73-80

YEARS

MONTH

PAGE 2

3900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23044 BIGGS AAF TX (EL PASO)
STATION STATION NAME

73-80
YEARS

JUL
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																					
108/107																		.7	5	5																					
106/105																		.5	4	4																					
104/103																		1.6	12	12																					
102/101																		4.7	30	30																					
100/ 99																	.4	5.6	50	50																					
98/ 97																	.3	1.6	7.0	79	79																				
96/ 95																	1.9	3.2	4.8	2.4	92	92																			
94/ 93													.4	2.0	3.9	3.2	2.3	.8	94	94																					
92/ 91												.1	.9	3.0	4.3	1.2	.1	.1	73	73																					
90/ 89											.5	1.5	3.1	2.7	.9		.3		67	67																					
88/ 87										.3	.9	5.0	1.9	.9		.3	.1		68	68																					
86/ 85									.1	.5	3.1	2.0	.4	.3					48	48																					
84/ 83								.1	1.1	1.2	1.1	.8	.5						36	36																					
82/ 81							.1	.5	1.2	1.3	.9								30	30																					
80/ 79							.1	1.5	.8	.4	.1								22	22																					
78/ 77					.3	.5	.8	.3											10	10																					
76/ 75				.1	.1	.4	.3												7	7																					
74/ 73			.3	.1	.7														8	8																					
72/ 71			.3	.3	.4														5	5																					
70/ 69	.1	.3	.1																4	4																					
68/ 67																																									
66/ 65																																									
64/ 63																																									
62/ 61																																									
60/ 59																																									
58/ 57																																									
56/ 55																																									
54/ 53																																									
52/ 51																																									
50/ 49																																									
48/ 47																																									
46/ 45																																									
44/ 43																																									
42/ 41																																									
Element (X)	Z _{X'}					Z _X					X					X _s					No. Obs.					Mean No. of Hours with Temperature															
Rel. Hum.																										≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																																									
Wet Bulb																																									
Dew Point																																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-80

Jul
MONTH

PAGE 1 1500-1700
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
112/111																	.1	1	1				
110/109																	.8	6	6				
108/107																	1.2	9	9				
106/105																	1.6	12	12				
104/103																	3.0	22	22				
102/101																	.3	5.8	45	45			
100/ 99																.4	1.1	9.5	82	82			
98/ 97																1.7	1.3	10.6	99	99			
96/ 95														.3	.4	3.0	4.3	3.4	84	84			
94/ 93														.7	.5	2.3	4.0	1.5	.3	66	66		
92/ 91														.7	1.9	2.6	1.7	.5	.3	57	57		
90/ 89										.1	.9	3.0	1.6	1.2	.7					56	56		
88/ 87										.9	1.7	1.1	.7	.1						34	34		
86/ 85									.3	.4	2.0	1.6	.5	.3						38	38		
84/ 83									.4	1.2	.9	.8	.1							26	26		
82/ 81								.1	1.7	1.9	.3	.1								31	31		
80/ 79						.4	.8	.9	.5	.1	.1									22	22		
78/ 77					.7	.7	1.1	.7												23	23		
76/ 75				.1	1.2	.3			.1											13	13		
74/ 73			.3	.4	.3	.1														8	8		
72/ 71		.1	.1		.1	.1														3	3		
70/ 69		.1	.3	.4		.1														6	6		
68/ 67																							
66/ 65		.1																		1	1		
64/ 63																							
62/ 61																							
60/ 59																							
58/ 57																							
56/ 55																							
54/ 53																							
52/ 51																							
50/ 49																							
48/ 47																							
46/ 45																							
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

73-83

111
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27044 BIGGS AAF TX (EL PASO)
STATION STATION NAME

73-80
YEARS

JUL
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
106/107																	.4	3	3						
106/105																	.5	4	4						
104/103																	.5	4	4						
102/101																	1.9	14	14						
100/99																	3.6	27	27						
98/97																.1	.3	4.6	37	37					
96/95															.3	.4	3.0	6.7	77	77					
94/93													.5	.1	1.3	2.6	3.1	57	57						
92/91												.1	.7	2.6	3.1	2.0	.9	70	70						
90/89										.3	.4	1.2	2.3	2.3	2.6	.7	.1	73	73						
88/87										.4	.9	1.9	2.0	.7	.5	.1		49	49						
86/85								.1	.1	.3	.9	2.0	2.4	.4	.1			48	48						
84/83								.1	1.3	1.5	1.9	1.3	.1	.1				48	48						
82/81						.3	.3	.9	1.6	2.0	.5	.1						43	43						
80/79						.4	1.2	2.2	1.7	.3	.1	.1						45	45						
78/77					.4	.9	1.5	1.7	.9									40	40						
76/75				.3	.7	1.5	1.1	.9										33	33	1					
74/73			.4	.4	1.2	.7	.4	.3										25	25	1					
72/71		.1	.3	1.1	1.2	.3	.3											24	25	4	1				
70/69		.3	.7	.7	.3													14	14	48	2				
68/67	.1	.3	.4															6	6	114	9				
66/65																				246	18				
64/63	.3																	2	2	227	38				
62/61																				81	38				
60/59																				18	57				
58/57																				3	60				
56/55																					61				
54/53																					61				
52/51																					64				
50/49																					52				
48/47																					58				
46/45																					73				
44/43																					48				
42/41																					42				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23044	BIGGS AAF TX (EL PASO)
STATION	STATION NAME

73-80

YEARS

MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23044 SIGGS AAF TX (EL PASO)
STATION STATION NAME

73-80
YEARS

JUL
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
98/ 97																	.1	1	1					
96/ 95																	.5	4	4					
94/ 93																	.5	5	5					
92/ 91															.4	.9	.8	.5	20	20				
90/ 89											.3	.3	1.9	2.3	.9	.4	.4	45	45					
88/ 87										.1	.7	1.3	2.3	1.9	1.6	1.2	.1	.69	.69					
86/ 85								.1	.1	.5	.7	2.7	1.9	1.3	.8			.61	.61					
84/ 83							.1	.1	1.1	1.2	2.6	2.8	1.2	.9	.3	.1		.78	.78					
82/ 81								.7	.9	3.2	2.0	.4	.4	.4				.60	.60					
80/ 79					.1		.8	2.4	3.4	1.9	1.1	.3	.4					.77	.77					
78/ 77						.7	2.6	1.6	2.4	.3	.3							.60	.60					
76/ 75				.3	.7	2.6	2.6	1.7	.3	.3								.62	.62					
74/ 73			.4	.4	1.9	3.0	2.8	.4			.1							.67	.67		1			
72/ 71		.8	.5	1.7	3.8	1.2	.5	.3										.66	.66		4			
70/ 69	.1	.4	1.6	2.4	1.5	.1												46	46	25	8			
68/ 67			1.9		.1													15	15	66	11			
66/ 65		.4	.3															5	5	149	15			
64/ 63																				260	44			
62/ 61	.4																	3	3	145	66			
60/ 59																				60	96			
58/ 57																				23	65			
56/ 55																				11	70			
54/ 53																					66			
52/ 51																					63			
50/ 49																					58			
48/ 47																					41			
46/ 45																					31			
44/ 43																					28			
42/ 41																					24			
40/ 39																					16			
38/ 37																					17			
36/ 35																					13			
34/ 33																					6			
32/ 31																					2			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-89

YEARS

 JUL
MONTH

PAGE ? 2110-2300
HOURS (P. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2004 BIGGS AAF TX (EL PASO)
STATION STATION NAME

73-80
YEARS

JUL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
112/111																		.0	1	1								
110/109																		.1	6	6								
108/107																		.3	17	17								
106/105																		.3	20	20								
104/103																		.6	38	38								
102/101																	.0	1.5	90	90								
100/ 99															.1	.2	2.4	164	164									
98/ 97														.0	.4	.4	2.8	221	221									
96/ 95													.0	.3	.6	1.8	1.8	285	285									
94/ 93												.1	.4	1.0	1.3	.9	.7	266	266									
92/ 91											.0	.3	.9	1.6	1.0	.5	.4	281	281									
90/ 89									.1	.6	1.2	1.4	1.0	.8	.4	.1	.1	331	331									
88/ 87								.1	.4	1.4	1.2	1.1	.5	.4	.2	.0	.0	313	313									
86/ 85							.3	.1	.3	1.2	1.3	1.3	.5	.3	.2	.0	.0	313	313									
84/ 83							.1	.4	1.1	1.1	1.4	1.0	.4	.4	.1	.1		353	353									
82/ 81						.1	.2	1.2	1.4	1.6	1.1	.3	.3	.2	.0			377	377									
80/ 79					.1	.2	.0	1.8	1.6	1.3	.7	.3	.2	.0				413	413									
78/ 77				.0	.3	.6	1.6	1.4	1.3	.9	.2	.3	.0	.0				372	372									
76/ 75			.1	.2	.9	1.6	1.6	1.5	.7	.2	.2	.1	.0					402	402	1								
74/ 73			.2	.5	1.5	1.7	1.7	.7	.2	.2	.2		.0					407	407	6								
72/ 71		.2	.5	.9	2.5	1.1	.5	.2	.1	.1	.1							364	365	80	2							
70/ 69	.0	.4	1.2	2.4	1.4	.6	.1	.1	.1	.0								384	384	431	19							
68/ 67	.1	.7	1.2	1.1	.9	.2	.1	.1	.0	.0								280	280	1011	91							
66/ 65		1.0	1.1	.4	.1	.1	.1	.0										170	171	1524	154							
64/ 63	.1	.4	.3	.1	.0													57	57	1456	379							
62/ 61	.2	.1	.1	.1														24	24	834	540							
60/ 59				.0														1	1	338	713							
58/ 57																				142	664							
56/ 55																				85	619							
54/ 53																				31	526							
52/ 51																				9	484							
50/ 49																				2	432							
48/ 47																					346							
46/ 45																					299							
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ							
Rel. Hum.																												
Dry Bulb																												
Wet Bulb																												
Dew Point																												
Mean No. of Hours with Temperature																												
																						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED VARIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-80

YEARS

MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2644 BIGGS AAF TX (EL PASO)
STATION STATION NAME

73-80
YEARS

AUG
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL																	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																			
76/ 89														.1																			1	1					
86/ 87														.1	.5	.1																6	6						
86/ 85											.5	.5	.1	.1																		10	10						
84/ 83											1.3	.8		.1																		17	17						
82/ 81									.3	1.3	1.3	.7	.3	.3	.1																	32	32						
80/ 79							.4	.9	1.1	2.4	.7	.9	.1	.4																		52	52						
78/ 77						.3	1.5	2.7	2.0	2.0	.9	.1	.1																			72	72						
76/ 75					.3	1.7	2.2	5.0	2.0	1.2	.1	.3																				95	95						
74/ 73				.5	2.0	3.0	5.0	2.2	.9	.9	.1	.1																				110	110						
72/ 71			.1	.1	4.4	3.5	2.2	1.1	.8	.4																						97	97						
70/ 69			1.1	2.6	2.3	2.3	1.9	.9	.9																							89	89						
68/ 67		1.2	2.7	2.4	1.9	.4	.3	.5	.1																							71	71	23					
66/ 65		1.3	1.5	1.7	.5	.4	.3	.1		.1			.1																			45	45	94	14				
64/ 63	.3	.8	.9	.7	.1		.1	.1	.4	.1																						27	27	200	50				
62/ 61		.5	.7	.4	.1	.1	.1	.1																								16	16	190	56				
60/ 59			.3						.1																								3	3	113	81			
58/ 57																																			59	93			
56/ 55																																		33	107				
54/ 53																																			19	92			
52/ 51																																			4	70			
50/ 49																																			3	51			
48/ 47																																			3	37			
46/ 45																																			2	26			
44/ 43																																				16			
42/ 41																																				22			
40/ 39																																				7			
38/ 37																																				4			
36/ 35																																				5			
34/ 33																																				5			
32/ 31																																				2			
30/ 29																																				3			
28/ 27																																				1			
26/ 25																																				1			
Element (X)	Σ X ²			Σ X			X			σ _x			No. Obs.			Mean No. of Hours with Temperature																							
Rel. Hum.																± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F																		
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23044 BIGGS AAF TX (EL PASO)
STATION STATION NAME

73-45

AUG
MONTH

PAGE 2

0006-0200
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-97

YEARS

433
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
4/ 83										.3	.3							4	4					
32/ 81										.7	.1		.3					8	8					
80/ 79								.1	.9	.4	.4	.1						15	15					
78/ 77					.1		.3	.6	2.8	1.3	.3	.1						43	43					
76/ 75				.1		.9	1.7	1.3	1.5	.4	.1	.3						51	51					
74/ 73				.5	1.6	.7	2.7	2.2	.8	.7								68	68					
72/ 71			.1	.5	3.6	4.8	2.3	1.9	.8	.1	.7							108	108					
70/ 69		.3	.1	3.6	3.0	3.9	2.0	.4	.4	.3	.1							105	105	2				
66/ 67	.1	1.6	4.0	4.0	2.4	2.7	1.9	.8	.1									132	132	13	1			
66/ 65	.3	2.2	3.1	2.4	3.5	1.2	.7	.3	.3	.1								104	104	59	19			
64/ 63		2.0	2.3	1.5	.7	.7	.8		.1									60	60	154	36			
62/ 61		1.1	1.3	.1	.4	.1												23	23	192	73			
60/ 59	.1	.9	.5	.1	.3	.3			.3									19	19	137	91			
58/ 57			.1		.1			.3										4	4	93	93			
56/ 55																				35	99			
54/ 53																				24	106			
52/ 51																				17	73			
50/ 49																				2	51			
48/ 47																				2	31			
46/ 45																				2	22			
44/ 43																					15			
42/ 41																					15			
40/ 39																					2			
38/ 37																					3			
36/ 35																					5			
34/ 33																					2			
32/ 31																					3			
30/ 29																					1			
28/ 27																					2			
TOTAL	.5	8.1	11.7	13.0	15.7	15.3	12.4	8.1	8.5	4.3	1.6	.5	.3					744	744		744			
																		744		744				
Element (X)	ΣX'			ΣX		X̄		σ _x		N _r obs.		Mean No. of Hours with Temperature												
Rel. Hum.	3043915			45851		61.6		17.138		744		≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	3607880			51682		69.5		4.893		744						66.8		23.6		2.5				93
Wet Bulb	2732365			45007		60.5		3.621		744						1.9								93
Dew Point	2254555			40685		54.7		6.326		744						.3		.1						93

USAFETAC FORM 0-26-5 (OLA)

PSYCHROMETRIC SUMMARY

73-80

YEARS

Aug
MONTH

PAGE 1 0600-0900
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27-44 STATION BIGGS AAF TX (EL PASO)

73-80

YEARS

AUG
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95															.1	.1	.1	3	3		
94/ 93														.5	.5	.7	.3	15	15		
92/ 91												.1	.8	1.6	1.1	.3		29	29		
90/ 89										.1	.3	2.4	2.0	1.6	1.1	.4		59	59		
88/ 87										.5	2.4	4.4	2.4	.5	.4	.3		82	82		
86/ 85								.1	.3	2.4	3.6	2.6	1.3	.7				84	84		
84/ 83							.1	.7	3.2	4.6	4.2	.7	.3	.3				104	104		
82/ 81							.1	2.4	4.4	4.4	1.5	.8						103	103		
80/ 79						.1	1.6	3.9	3.4	1.9	.7	.3						88	88		
78/ 77					.1	.8	3.2	1.7	1.2	.4								56	56		
76/ 75					.4	1.7	1.7	1.3	.3	.1								42	42		
74/ 73			.1	.3	1.2	1.5	1.2	.1										33	33		
72/ 71			.1	.7	.9	.7	.4											21	21	4	
70/ 69			.4	.7	.5	.1												13	13	39	
68/ 67		.4	.3	.3	.1													8	8	167	1
66/ 65		.1	.1															2	2	252	10
64/ 63		.1	.1															2	2	182	37
62/ 61																				74	63
60/ 59																				24	103
58/ 57																				2	124
56/ 55																					129
54/ 53																					92
52/ 51																					59
50/ 49																					46
48/ 47																					35
46/ 45																					17
44/ 43																					11
42/ 41																					8
40/ 39																					5
38/ 37																					5
TOTAL		.7	1.2	1.9	3.4	5.8	8.6	10.3	13.0	14.5	12.6	11.3	6.9	5.2	3.2	1.7	.4	744	744	744	744
																		744		744	
Element (X)	Σx ²		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		No. Obs.
Rel. Hum.	1441342		31072		41.6		13.905		744		±0 F		±32 F		±67 F		±73 F		±80 F		±93 F
Dry Bulb	5059897		61201		82.3		5.863		744						92.5		87.3		66.3		7.2
Wet Bulb	3156552		48430		62.1		2.332		744						26.3						42
Dew Point	2302210		41202		55.4		5.251		744						.1						92

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23044 EICGS AAF TX (EL PASO)

73-80

YEARS

AUG
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
100/100																	.1	1	1						
100/103																	.3	2	2						
102/101																	.5	4	4						
100/ 99																	2.6	19	19						
98/ 97															.1	1.6	4.3	45	45						
96/ 95														.5	3.0	4.3	4.2	89	89						
94/ 93												.3	1.9	4.6	4.6	3.2	1.2	119	119						
92/ 91												1.7	3.5	5.1	3.7	.7	.5	128	128						
90/ 89											.8	5.4	4.0	2.2	.9	.3		101	101						
88/ 87										.9	3.0	3.2	1.3	.3	.3			66	66						
86/ 85									.4	1.5	2.2	1.7			.3			45	45						
84/ 83							.1	.1	.7	1.2	.9	.8	.1					36	31						
82/ 81							.1	.9	.9	1.1	.3							25	25						
80/ 79						.1	.5	1.2	1.6	.8								32	32						
78/ 77					.1	.3	.9	.1	.3									13	13						
76/ 75			.1		.4	.4	.7											12	12						
74/ 73				.3	.5	1.2	.3	.1										18	18						
72/ 71			.1	.1	.5	.1	.1											8	8	7					
70/ 69				.1														1	1	85	1				
68/ 67		.4		.3														5	5	219					
66/ 65																				250	10				
64/ 63																				137	14				
62/ 61																				38	33				
60/ 59																				7	55				
58/ 57																					84				
56/ 55																					95				
54/ 53																					100				
52/ 51																					127				
50/ 49																					65				
48/ 47																					72				
46/ 45																					42				
44/ 43																					27				
42/ 41																					22				
40/ 39																					17				
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F							
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

73-80

Aug
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23044 BIGGS AAF TX (EL PASO)

73-80

YEARS

116
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point								
106/107																		.3	2	2								
106/105																		.1	1	1								
104/103																		.5	4	4								
102/101																		1.6	12	12								
100/ 99																		5.5	41	41								
98/ 97															.1	.4	.9	7.7	68	68								
96/ 95															.4	3.4	5.7	7.5	126	126								
94/ 93														.4	2.4	5.2	5.0	2.6	116	116								
92/ 91										.1		.3	2.6	3.5	3.0	1.2	.3	81	81									
90/ 89										.1	.7	2.7	3.4	1.9	.7	1.1		78	78									
88/ 87										.1		1.3	1.7	1.5	.4			38	38									
86/ 85									.3	.1	.9	1.5	1.1	.1				32	32									
84/ 83									.3	1.1	.8	1.3	.7	.3				33	33									
82/ 81							.1	.7	1.6	1.5	.7							34	34									
80/ 79						.4	1.1	.4	1.7	.4								30	30									
78/ 77						.1	.3	.4	.3									8	8									
76/ 75					.4	.4	.3	.1	.1									10	10									
74/ 73				.1	.7	.3	.4											11	11			1						
72/ 71				.3		.4												5	5			6						
70/ 69			.5	1.1														12	12			44						
68/ 67			.1															1	1			175						
66/ 65																					260	10						
64/ 63																					194	16						
62/ 61																					54	21						
60/ 59																					9	35						
58/ 57																						54						
56/ 55																						75						
54/ 53																						74						
52/ 51																						91						
50/ 49																						83						
48/ 47																						76						
46/ 45																						67						
44/ 43																						50						
42/ 41																						41						
Element (X)	ΣX ²			ΣX			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature												
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																												
Wet Bulb																												
Dew Point																												

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23044	3IGGS AAF TX (EL PASO)
STATION	STATION NAME

73-80

AUG
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25044 BIGGS AAF TX (EL PASO)

73-80

AUG

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
104/103																		.1	1	1	
102/101																		.3	2	2	
100/99																		.7	5	5	
98/97																	.1	1.2	10	10	
96/95															.1		.8	2.0	22	22	
94/93															.7	1.3	2.7	2.7	55	55	
92/91												.3	.7	1.5	2.0	2.2	.6	55	55		
90/89											.1	1.1	1.1	3.1	3.7	1.6		74	74		
88/87									.1	.1	1.3	1.2	2.6	3.0	1.5	.4		76	76		
86/85									.3	1.1	2.2	3.1	2.4	.4	.3		.1	73	73		
84/83							.1	.3	1.2	1.3	3.2	2.4	.8	.7	.1			76	76		
82/81			.1				.1	.9	1.5	2.0	3.1	1.3	.4	.3				77	77		
80/79							.5	2.7	2.2	1.5	.4	.1	.1	.1				58	58	1	
78/77				.1			.7	1.1	1.5	.7	.4	.3						37	37		1
76/75					.3		2.2	1.2	1.3									37	37		
74/73		.1	.1	.9	1.3	.8	.8	.1										32	32		
72/71		.1	.3	.9	.5	.8		.1										18	18	6	
70/69			.7	1.3	.7													20	20	17	2
68/67			.5	.9														11	11	87	7
66/65			.1	.1														2	2	171	12
64/63																				238	19
62/61																				161	40
60/59																				40	57
58/57																				16	67
56/55																				3	55
54/53																				1	76
52/51																					61
50/49																					83
48/47																					64
46/45																					53
44/43																					50
42/41																					34
40/39																					25
38/37																					20
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

2508

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23044 01GGS AAF TX (FL PASO)

73-80

AUG
MONTH

YEARS

PAGE 1 2100-2300
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point
92/ 91																.3	.1				6	6		
90/ 89																.5					12	12		
88/ 87												.5	1.6	1.1	.1	.1	.1				27	27		
86/ 85											.8	1.9	1.1	1.1	.1						37	37		
84/ 83									.4	.9	2.2	1.3	1.6	.7	.1						54	54		
82/ 81								1.2	1.5	3.1	2.8	3.0	.4	.7							94	94		
80/ 79							1.1	2.2	3.4	3.2	2.0	1.3	.5	.1							103	103		
78/ 77						.4	1.5	2.6	4.6	1.6	.9	.8	.1								96	96		
76/ 75				.4	1.8	2.0	4.2	2.3	.3	.7			.1	.1							88	88		
74/ 73		.1	.3	.1	.6	3.1	2.4	.9	.8	.4											67	67		
72/ 71			.4	.8	3.0	1.6	1.1	.8	.3												59	59	1	1
70/ 69		.1	1.2	2.7	1.5	.9	.4	.1			.1										54	54	7	1
68/ 67		.5	.9	1.5	.4	.1															26	26	42	2
66/ 65		.1	.9	.1						.1											10	10	126	12
64/ 63		.1	.5	.1																	6	6	220	24
62/ 61		.1																			2	2	182	64
60/ 59																							97	73
58/ 57																							39	77
56/ 55																							22	83
54/ 53																							1	90
52/ 51																							2	71
50/ 49																							1	75
48/ 47																							1	41
46/ 45																								42
44/ 43																								29
42/ 41																								19
40/ 39																								12
38/ 37																								6
36/ 35																								7
34/ 33																								5
32/ 31																								2
30/ 29																								4
28/ 25																								1
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-60

YEARS

4116
MONTH

PAGE 2

2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
HSAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23044 RIGGS AAF TX (EL PASO)

73-80

YEARS

AUG
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
108/107																		.0	2	2					
106/105																		.0	2	2					
104/103																		.1	7	7					
102/101																		.3	18	18					
100/ 99																		1.1	65	65					
98/ 97																		1.6	123	123					
96/ 95															.1	.8	1.4	1.7	240	240					
94/ 93													.3	1.2	1.5	1.4	.8	305	305						
92/ 91											.0	.3	.7	1.5	1.2	.6	.2	279	279						
90/ 89											.0	.2	1.4	1.3	1.2	.8	.5	325	325						
88/ 87										.5	.2	1.0	1.4	1.2	.7	.2	.1	.0	296	296					
86/ 85									.1	.2	.7	1.4	1.4	.6	.3	.1	.0	.0	283	283					
84/ 83								.1	.2	.2	1.7	.9	.4	.2	.0			323	324						
82/ 81			.0				.0	.1	.8	1.3	2.0	1.2	.8	.2	.2	.0		390	390						
80/ 79							.1	.7	1.6	2.1	1.5	.5	.4	.1	.1			421	421	1					
78/ 77				.0	.1	.4	1.4	1.5	1.9	.9	.3	.2	.0					400	400		1				
76/ 75			.0	.0	.3	1.4	1.5	2.1	1.1	.3	.1	.1	.0	.0				423	423						
74/ 73		.0	.1	.4	1.3	1.8	2.1	.9	.4	.3	.0	.0						435	435	1					
72/ 71		.0	.2	.5	2.3	2.0	1.1	.9	.3	.1	.0							417	417	24	1				
70/ 69		.1	.5	2.3	1.3	1.4	.7	.2	.2	.1	.1							397	397	199	4				
68/ 67	.0	.7	1.4	1.5	.9	.5	.4	.2	.0	.0								338	338	752	16				
66/ 65	.0	.6	1.0	.8	.6	.3	.2	.1	.5	.1								219	219	1322	98				
64/ 63	.1	.5	.7	.4	.2	.1	.2	.0	.1	.0								134	134	1538	238				
62/ 61		.3	.4	.1	.2	.0	.0	.0										63	63	1075	441				
60/ 59	.0	.2	.1	.1	.1	.1			.1									32	32	545	600				
58/ 57		.0	.0		.0				.1									6	6	256	713				
56/ 55																				122	756				
54/ 53																				55	728				
52/ 51																				29	602				
50/ 49																				10	482				
48/ 47																				6	377				
46/ 45																				6	284				
44/ 43																				2	204				
42/ 41																					164				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≈ 67 F	≈ 73 F	≈ 80 F	≈ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

2510
C
USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

YEARS

Aug
MONTH

PAGE 2

ALL
HOURS IL. S.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2044 BIGGS AAF TX (EL PASO)
STATION STATION NAME

72-79
YEARS

SEP
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
98/ 87																.1		1	1			
86/ 85																.7		2	2			
84/ 83										.1				.1		.3		4	4			
82/ 81										.1	.1	.1		.1		.3		6	6			
80/ 79									.1	.4				.1				5	5			
78/ 77							.4		.7	.7	.1	.1		.1				16	16			
76/ 75					.3	.7	.3	.6	1.8	.6	.8	.4						39	39			
74/ 73			.7	.7	.6	2.1	2.2	2.1	.7	1.3	.4	.1						78	78			
72/ 71			.8	.8	3.3	1.7	.3	1.5	1.1	.8	.1							76	76			
70/ 69		.7	1.4	3.5	2.1	1.7	1.7	.4	.8	.4								91	91	8	1	
68/ 67		.6	1.4	1.9	.8	2.2	1.4	1.4	1.0		.1							78	78	26	10	
66/ 65		1.1	1.8	.6	1.8	.8	1.1	1.3	.7	.1								67	67	36	20	
64/ 63		1.0	1.3	1.1	1.4	1.4	.7	.3	.3	.1								54	54	100	25	
62/ 61	.4	2.5	1.5	1.1	.8		.7	.1	.3									54	54	76	51	
60/ 59	.3	2.4	1.0	1.0	.3	.3	.3	.4										42	42	108	86	
58/ 57	.3	1.5	.7	.3	.6	1.0	.1											32	32	100	52	
56/ 55		1.1	1.0	.8	.3	1.0												30	30	77	63	
54/ 53	.8	.4	.3	.1	.6	.4	.1											20	20	64	62	
52/ 51	.3	.8	.1		.1													10	10	48	54	
50/ 49	.7	.1			.4	.4												12	12	32	66	
48/ 47	.1			.3														3	3	17	46	
46/ 45																				17	31	
44/ 43																				10	28	
42/ 41																				1	25	
40/ 39																					30	
38/ 37																					31	
36/ 35																					19	
34/ 33																					7	
32/ 31																					6	
30/ 29																					3	
28/ 27																					2	
24/ 23																					2	
TOTAL	2.9	12.2	11.9	12.6	13.3	13.2	9.3	8.1	7.5	4.7	1.8	.8	.6		.8	.1		720	720	720	720	
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	3112192		44982		62.5		20.493		720		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F	
Dry Bulb	3221790		47894		66.5		7.067		720						49.5		18.9		1.9			
Wet Bulb	2438917		41711		57.9		5.596		720						4.3							
Dew Point	1981053		37247		51.7		8.684		720				1.6		1.4							

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY SPANCH
LAFFETAC
AIR FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23044 BIGGS AAF IX (EL PASO)

72-79

YEARS

SEP

MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL					TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	24-25-26	27-28	29-30	±31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
83													.1				1	1				
82													.3				2	2				
81												.1		.1			2	2				
80										.2			.2				4	4				
79									.4								3	3				
78			.3		.1	.1	.6	1.1	.6	.4							23	23				
77			.6	.8	.6	2.8	1.1	.7	.3								49	49				
76		.4	2.8	3.5	1.7	2.2	1.5	1.1	.8	.1							102	102	3	2		
75		.7	2.2	1.9	.7	1.9	2.2	.6	1.								61	81	20	3		
74		1.3	2.9	1.4	2.4	2.2	.8	.4		.1							83	83	27	22		
73	.3	1.7	1.4	1.1	1.9	1.3	.7	.4	.4								66	66	70	31		
72		1.4	1.1	1.7	1.9	1.3	.3	.4	.3	.1							56	56	86	45		
71	.3	4.9	1.1	1.3	1.4	.6	1.3	.6		.1							82	82	79	64		
70	.7	3.2	1.8	.3	.6	.7	.4	.2		.1							58	58	109	51		
69	.5	2.2	.6	.6	.4	.7		.3									36	36	93	77		
68	.3	1.6	.8	.3	.1	.1											19	19	80	67		
67	.7	.3	.3	.1	.7	.4											18	18	40	72		
66	.7	.4	.4	.6	.1												16	16	33	68		
65	.4			.7	.4												11	11	32	52		
64	.3		.3		.1												5	5	17	31		
63			.1	.1													2	2	19	27		
62																			8	15		
61																			3	24		
60																				25		
59																				16		
58																				3		
57																				8		
56																				6		
55																				1		
54																				2		
53																				1		
52																				1		
51																				1		
50																				1		
49																				1		
48																				1		
47																				1		
46																				1		
45																				1		
44																				1		
43																				1		
42																				1		
41																				1		
40																				1		
39																				1		
38																				1		
37																				1		
36																				1		
35																				1		
34																				1		
33																				1		
32																				1		
31																				1		
30																				1		
29																				1		
28																				1		
27																				1		
26																				1		
25																				1		
24																				1		
TOTAL	3.9	17.4	17.4	13.4	12.8	14.3	8.9	5.8	4.0	1.1		.1	.7	.1			719	719	719	719		
Element (X)	ΣX²			ΣX			X			σ _x			No. Obs.			Mean No. of Hours with Temperature						
Rel. Hum.	5621547			49145			68.4			19.119			719			± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total
Dry Bulb	2921547			45577			63.4			6.722			719					33.4	4.4	.6		90
Wet Bulb	2332189			47726			56.6			5.943			719					2.9				97
Dew Point	1971316			37142			51.7			8.562			719			2.4	.6					90

FORM 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2144 EIGGS AAF TX (EL PASO)

72-79

YEARS

CFD
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
4/ 83									.1					.1				2	2														
7/ 81									.1				.1					2	2														
10/ 79							.1	.1	.3	.3			.1	.1				8	8														
70/ 77							.1	.6	.4	.1			.1	.1				11	11														
76/ 75				.1		.6	.3	.6	.8	.3	.1	.3		.1				23	23														
74/ 73			.4	.6	1.0	1.4	1.3	1.1	.1	.1	.3							45	45														
72/ 71			.8	1.3	1.8	1.8	1.3	1.3		.4								62	62														
72/ 69		.3	2.4	2.4	1.9	2.1	1.8	1.4	.7	.4								93	93	7													
64/ 67		1.1	2.4	2.2	1.8	1.7	1.3	1.4	.3									85	85	22	8												
56/ 65	.1	.7	1.7	1.0	1.8	1.5	.7	.4	.1	.1								60	60	56	23												
47/ 63	.3	1.5	2.4	1.1	1.8	.6	.1	.3	.3									58	58	77	37												
42/ 61	.4	1.8	2.2	1.4	1.1	.8	.7	.7		.1								70	70	89	52												
40/ 59	.3	3.5	1.5	.7	.2	1.0	.8	.4	.1									62	62	84	57												
58/ 57	.3	2.4	1.3	1.3	.8	.3		.1	.3									48	48	105	76												
66/ 55	.4	1.7	.4	.3		.6												24	24	87	75												
44/ 53	.6	1.3	.8	.3	.8	.3												29	29	61	77												
52/ 51	.4	.3	.4	.4	.3	.1												14	14	36	68												
50/ 49	1.3	.3	.3		.1													12	12	40	61												
48/ 47			.1	.1	.3													4	4	23	32												
46/ 45	.3		.5															6	6	15	35												
44/ 43			.1															1	1	6	23												
42/ 41																				11	16												
40/ 39																					20												
38/ 37																					28												
36/ 35																					11												
34/ 33																					3												
32/ 31																					8												
30/ 29																					1												
28/ 27																					3												
26/ 21																					2												
20/ 19																					1												
TOTAL	4.0	14.7	17.8	13.5	13.1	12.7	8.0	8.3	3.8	1.9	.4	.3	.4	.6				719		719	719												
Element (X)	Z _g			Z _g			Z _g			Z _g			Z _g			Z _g			Z _g			Z _g			Z _g			Z _g			Z _g		
Rel. Hum.	35.9845			48451			67.419.208			719			± 0 F			± 32 F			± 67 F			± 73 F			± 80 F			± 93 F			Total		
Dry Bulb	3056399			46661			64.87.083			719									41.4			11.4			1.0						90		
Wet Bulb	2415086			41450			57.75.852			719									3.4												90		
Dew Point	2036967			37801			52.68.312			719						1.9			1.6												20		

USAFETAC NORM JUL 64 G-26-5 (OL A) STYPED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-79

YEARS

SEP
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

72-19

YEARS

SEP
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

72-7e

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point													
101/ 79																		.3	2	2													
98/ 97																		.4	13	13													
96/ 95														.1	.1	.6	1.7	2.4	37	37													
94/ 93												.1		.8	2.2	.7	2.4	45	45														
92/ 91													1.0	1.5	1.8	1.4	1.4	51	51														
90/ 89											.1	1.4	2.1	2.1	1.1	1.8	1.0	69	69														
88/ 87										.1	.6	1.9	2.2	.7	1.3	1.2	1.0	.1	70	70													
86/ 85									.4	1.1	1.1	1.5	1.8	1.9	1.3	.8	.7	77	77														
84/ 83								.3	.7	1.5	.7	2.8	1.0	.6	.6	.4		61	61														
82/ 81							.8	1.0	1.1	1.5	.8	1.4	.8	.4				57	57														
80/ 79					.1	.6	1.0	.3	.7	1.1	.8	1.0	.4	.4				46	46														
78/ 77				.3	.8	.6	.8	1.0	1.1	.3	.3	.1						38	38														
76/ 75			.4	.4	.1	.6	.7	1.0	.4	.3	.6	.3	.3					36	36														
74/ 73			.3	.3	.8	1.1	.6			.3	.3	.1						27	27														
72/ 71			.4	.4	.1	.1	.1	.1	.1	.1	.3	.1						17	17	11													
70/ 69			.1	.7	.3	.1	.1		.3									12	12	54													
68/ 67			.3	.2	.0	.0												11	11	94													
66/ 65		.3	.4	.4	.6	.1												13	13	120													
64/ 63	.1	.1	.1	1.0														10	10	115													
62/ 61	.3	.4	.4		.1													9	9	137													
60/ 59		.3	.1															3	3	81													
58/ 57		.2	.3	.1														4	4	49													
56/ 55		.7	.1															6	6	23													
54/ 53	.1	.6																5	5	23													
52/ 51		.1																1	1	11													
50/ 49																				2													
48/ 47																																	
46/ 45																																	
44/ 43																																	
42/ 41																																	
40/ 39																																	
38/ 37																																	
36/ 35																																	
34/ 33																																	
Element (X)	Σ x'			Σ x			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature																	
Rel. Hum.													≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-79

YEARS

SEP
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-79

SEP
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM NO. 7-68

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27/44 STATION SIGGS AAF TX (EL PASO)

72-79

YEARS

SEP
MONTH

PAGE 1

1200-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
96/ 97																	.1	1	1				
96/ 95																	.3	4	4				
94/ 93																.1	.1	.7	5	5			
92/ 91														.1	.1	.0	.7	.6	17	17			
90/ 89														.4	.8	1.4	.7	.6	28	28			
88/ 87											.3	.7	.8	1.6	1.4	.6			40	40			
86/ 85										.1	.6	1.3	1.4	1.1	.7	.3			39	39			
84/ 83									.3	.1	1.0	1.1	1.8	1.4	2.1	.4	.3		61	51			
82/ 81								.0	1.4	1.4	1.0	.4	1.5	1.0	.3	.1			55	55			
80/ 79					.1	.1	.3	1.7	1.9	1.0	1.3	1.5	.8	.7					68	68			
78/ 77				.1		.4	1.1	2.1	1.3	1.1	1.4	.7	.3	.1					62	62			
76/ 75			.4	.6	.1	1.4	1.1	1.4	1.4	1.4	.4	.6	.3						65	65			
74/ 73				.6	1.5	1.4	1.8	1.0	.3	1.0	.8	.3							62	62			
72/ 71		.3	.7	1.3	1.0	1.0	.3	1.9	.4	1.1	.8	.4							64	64	5		
70/ 69		.3	.4	.4	.8	1.1	.7	.4	.4		.6								37	37	11		
68/ 67		.1	.6	.6	.3	.7	.1	.6		.3									23	23	42		
66/ 65		.4	.1	.3	.1	.4	.3	.3	.1	.1									16	16	94		
64/ 63			.8	.4	.3	.3	.3	.3	.4										13	13	110		
62/ 61		.6	1.3	.7	.6	.1	.1	.1											25	25	115		
60/ 59		.6	.3		.1	.1													8	8	106		
58/ 57		.1	.6	.1															6	6	96		
56/ 55		1.0	.3																9	9	51		
54/ 53		.3																	2	2	46		
52/ 51	.1	.1																	2	2	24		
50/ 49	.1	.1																	2	2	16		
48/ 47																					3		
46/ 45																							
44/ 43																							
42/ 41																							
40/ 39																							
38/ 37																							
36/ 35																							
34/ 33																							
32/ 31																							
Element (X)	ΣX ²		ΣX		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F					
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

72-79

SEP
MONTH

PAGE 2 1810-2000
HOURS (L. S. T.)

[illegible]

DECEAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2244 SIGGS AAF IX (EL PASO)
STATION STATION NAME

72-79
YEARS

SEP
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point
84/ 84																					2	2		
83/ 87																					6	6		
82/ 85																					7	7		
81/ 83																					17	17		
80/ 81																					27	27		
79/ 79																					33	33		
78/ 77																					44	44		
76/ 75																					70	70		
74/ 73																					74	74		
72/ 71																					57	97		
70/ 69																					72	72	13	3
68/ 67																					65	65	16	3
66/ 65																					57	57	80	16
64/ 63																					29	29	91	34
62/ 61																					34	34	105	49
60/ 59																					26	26	84	46
58/ 57																					29	29	91	64
56/ 55																					21	21	82	35
54/ 53																					3	3	60	54
52/ 51																					6	6	43	47
50/ 49																					1	1	31	64
48/ 47																							14	55
46/ 45																							8	41
44/ 43																							2	33
42/ 41																								37
40/ 39																								34
38/ 37																								25
36/ 35																								22
34/ 33																								7
32/ 31																								12
30/ 29																								8
28/ 27																								4
26/ 25																								1
24/ 23																								1
Element (X)	Σ X ²				Σ X				Σ				Σ				Σ				No. Obs.			
Rel. Hum.																					Mean No. of Hours with Temperature			
Dry Bulb																					≥ 0 F			
Wet Bulb																					≥ 32 F			
Dew Point																					≥ 67 F			
																					≥ 73 F			
																					≥ 80 F			
																					≥ 93 F			
																					Total			

FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

PSYCHROMETRIC SUMMARY

72-79

YEARS

S F
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1

ALL
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

72-79

SEP
MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-44 313GS AAF TX (EL PASO)
STATION STATION NAME

72-79
YEARS

OCT
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
74/ 13																																7		7	
72/ 71																																12		12	
70/ 69																																23		23	
68/ 67																																28		28	
66/ 65																																34		34	
64/ 63																																33		33	
62/ 61																																62		62	
60/ 59																																68		68	
58/ 57																																59		59	
56/ 55																																74		74	
54/ 53																																83		83	
52/ 51																																59		59	
50/ 49																																61		61	
48/ 47																																52		52	
46/ 45																																38		38	
44/ 43																																17		17	
42/ 41																																13		13	
40/ 39																																7		7	
38/ 37																																5		5	
36/ 35																																2		2	
34/ 33																																			
32/ 31																																			
30/ 29																																			
28/ 27																																			
26/ 25																																			
24/ 23																																			
22/ 21																																			
20/ 19																																			
18/ 17																																			
16/ 15																																			
14/ 13																																			
TOTAL	2.213	3.111	1.914	6.616	7.117	1.12.5	6.36.3	4.44.4	2.02.0	1.51.5	1.21.2	.4																				742		742	
Element (X)	Σx'		Σx		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	2554701		44281		59.725		523		742		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total												
Dry Bulb	2343242		41315		55.77		590		742						8.2		.9						73												
Wet Bulb	1736337		35546		47.9		6722		742														93												
Dew Point	1279196		29574		42.310		156		742				23.1										93												

USAFETAC FORM 0-36-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2044 BIGGS AAF TX (EL PASO)

72-79

YEARS

OCT
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																	
74/ 77															.1																	1	1				
74/ 73																.1																2	2				
72/ 71															.1																	1	1				
70/ 69															.1	.3																3	3				
68/ 67				.1		.2	.4							.4	.4	.1																17	17				
66/ 65				.4	.1	.7	.1					.1		.3	.1																	15	15				
64/ 63	.3	.7	.5	.7	1.3	.5	.3	.5	.7	.1			.1																			43	43	4	3		
62/ 61		.5	.5	1.1		.4	.4	.9	.1																							30	30	13	4		
60/ 59	.3		2.0	1.6	.8	.4	1.1	.8	.1																							53	53	15	9		
58/ 57	1.1	2.2	1.5	.5	1.1	.4	1.7	.5	.2	.1																						65	65	36	17		
56/ 55		2.3	1.1	1.5	.9	.8	.7	.3	.1	.1																							58	58	49	22	
54/ 53	.3	.7	2.6	2.4	2.0	.9	.9	.3	.1																								76	76	43	49	
52/ 51	.1	1.9	2.6	1.7	2.8	1.3	.5	.1																									83	83	44	30	
50/ 49		2.0	1.2	2.3	1.7	1.3	.7	.1																									70	70	69	32	
48/ 47	.3	1.6	2.0	1.5	.9	1.2		.1																										57	57	88	37
46/ 45	.3	1.1	.8	1.1	2.2	1.7																												52	53	79	59
44/ 43	.1	1.9	1.3	1.1	1.9	.4																												50	50	73	41
42/ 41		.9	.4	.9	.9	.1																												25	25	61	46
40/ 39	.1	.5	.3	.5	1.2																													20	20	51	56
38/ 37		.9	.3	.7	.1																													12	12	52	48
36/ 35		.4	.5	.1																														8	8	32	66
34/ 33		.1																																1	1	23	34
32/ 31																																				10	37
30/ 29																																				1	39
28/ 27																																					30
26/ 25																																					31
24/ 23																																					26
22/ 21																																					10
20/ 19																																					6
18/ 17																																					3
16/ 15																																					5
14/ 13																																					1
TOTAL	2.8	17.2	18.2	17.9	19.5	10.2	5.9	3.6	2.6	1.2	.3	.1	.1	.1																			743	743	743		
Element (X)	Zx'	Zx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	3414679	48271	65.0	19.378	743	≥ 0 F	≥ 32 F	≥ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	2192791	39138	52.5	7.524	743																																
Wet Bulb	1629464	34386	46.3	7.164	743							1.4																									
Dew Point	1259348	29638	39.9	10.193	743							23.5																									

USAFETAC FORM 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7-1, 5-1, 5-2, 5-3, 5-4, 5-5, 5-6, 5-7, 5-8, 5-9, 5-10, 5-11, 5-12, 5-13, 5-14, 5-15, 5-16, 5-17, 5-18, 5-19, 5-20, 5-21, 5-22, 5-23, 5-24, 5-25, 5-26, 5-27, 5-28, 5-29, 5-30, 5-31, 5-32, 5-33, 5-34, 5-35, 5-36, 5-37, 5-38, 5-39, 5-40, 5-41, 5-42, 5-43, 5-44, 5-45, 5-46, 5-47, 5-48, 5-49, 5-50, 5-51, 5-52, 5-53, 5-54, 5-55, 5-56, 5-57, 5-58, 5-59, 5-60, 5-61, 5-62, 5-63, 5-64, 5-65, 5-66, 5-67, 5-68, 5-69, 5-70, 5-71, 5-72, 5-73, 5-74, 5-75, 5-76, 5-77, 5-78, 5-79, 5-80, 5-81, 5-82, 5-83, 5-84, 5-85, 5-86, 5-87, 5-88, 5-89, 5-90, 5-91, 5-92, 5-93, 5-94, 5-95, 5-96, 5-97, 5-98, 5-99, 5-100, 5-101, 5-102, 5-103, 5-104, 5-105, 5-106, 5-107, 5-108, 5-109, 5-110, 5-111, 5-112, 5-113, 5-114, 5-115, 5-116, 5-117, 5-118, 5-119, 5-120, 5-121, 5-122, 5-123, 5-124, 5-125, 5-126, 5-127, 5-128, 5-129, 5-130, 5-131, 5-132, 5-133, 5-134, 5-135, 5-136, 5-137, 5-138, 5-139, 5-140, 5-141, 5-142, 5-143, 5-144, 5-145, 5-146, 5-147, 5-148, 5-149, 5-150, 5-151, 5-152, 5-153, 5-154, 5-155, 5-156, 5-157, 5-158, 5-159, 5-160, 5-161, 5-162, 5-163, 5-164, 5-165, 5-166, 5-167, 5-168, 5-169, 5-170, 5-171, 5-172, 5-173, 5-174, 5-175, 5-176, 5-177, 5-178, 5-179, 5-180, 5-181, 5-182, 5-183, 5-184, 5-185, 5-186, 5-187, 5-188, 5-189, 5-190, 5-191, 5-192, 5-193, 5-194, 5-195, 5-196, 5-197, 5-198, 5-199, 5-200, 5-201, 5-202, 5-203, 5-204, 5-205, 5-206, 5-207, 5-208, 5-209, 5-210, 5-211, 5-212, 5-213, 5-214, 5-215, 5-216, 5-217, 5-218, 5-219, 5-220, 5-221, 5-222, 5-223, 5-224, 5-225, 5-226, 5-227, 5-228, 5-229, 5-230, 5-231, 5-232, 5-233, 5-234, 5-235, 5-236, 5-237, 5-238, 5-239, 5-240, 5-241, 5-242, 5-243, 5-244, 5-245, 5-246, 5-247, 5-248, 5-249, 5-250, 5-251, 5-252, 5-253, 5-254, 5-255, 5-256, 5-257, 5-258, 5-259, 5-260, 5-261, 5-262, 5-263, 5-264, 5-265, 5-266, 5-267, 5-268, 5-269, 5-270, 5-271, 5-272, 5-273, 5-274, 5-275, 5-276, 5-277, 5-278, 5-279, 5-280, 5-281, 5-282, 5-283, 5-284, 5-285, 5-286, 5-287, 5-288, 5-289, 5-290, 5-291, 5-292, 5-293, 5-294, 5-295, 5-296, 5-297, 5-298, 5-299, 5-300, 5-301, 5-302, 5-303, 5-304, 5-305, 5-306, 5-307, 5-308, 5-309, 5-310, 5-311, 5-312, 5-313, 5-314, 5-315, 5-316, 5-317, 5-318, 5-319, 5-320, 5-321, 5-322, 5-323, 5-324, 5-325, 5-326, 5-327, 5-328, 5-329, 5-330, 5-331, 5-332, 5-333, 5-334, 5-335, 5-336, 5-337, 5-338, 5-339, 5-340, 5-341, 5-342, 5-343, 5-344, 5-345, 5-346, 5-347, 5-348, 5-349, 5-350, 5-351, 5-352, 5-353, 5-354, 5-355, 5-356, 5-357, 5-358, 5-359, 5-360, 5-361, 5-362, 5-363, 5-364, 5-365, 5-366, 5-367, 5-368, 5-369, 5-370, 5-371, 5-372, 5-373, 5-374, 5-375, 5-376, 5-377, 5-378, 5-379, 5-380, 5-381, 5-382, 5-383, 5-384, 5-385, 5-386, 5-387, 5-388, 5-389, 5-390, 5-391, 5-392, 5-393, 5-394, 5-395, 5-396, 5-397, 5-398, 5-399, 5-400, 5-401, 5-402, 5-403, 5-404, 5-405, 5-406, 5-407, 5-408, 5-409, 5-410, 5-411, 5-412, 5-413, 5-414, 5-415, 5-416, 5-417, 5-418, 5-419, 5-420, 5-421, 5-422, 5-423, 5-424, 5-425, 5-426, 5-427, 5-428, 5-429, 5-430, 5-431, 5-432, 5-433, 5-434, 5-435, 5-436, 5-437, 5-438, 5-439, 5-440, 5-441, 5-442, 5-443, 5-444, 5-445, 5-446, 5-447, 5-448, 5-449, 5-450, 5-451, 5-452, 5-453, 5-454, 5-455, 5-456, 5-457, 5-458, 5-459, 5-460, 5-461, 5-462, 5-463, 5-464, 5-465, 5-466, 5-467, 5-468, 5-469, 5-470, 5-471, 5-472, 5-473, 5-474, 5-475, 5-476, 5-477, 5-478, 5-479, 5-480, 5-481, 5-482, 5-483, 5-484, 5-485, 5-486, 5-487, 5-488, 5-489, 5-490, 5-491, 5-492, 5-493, 5-494, 5-495, 5-496, 5-497, 5-498, 5-499, 5-500, 5-501, 5-502, 5-503, 5-504, 5-505, 5-506, 5-507, 5-508, 5-509, 5-510, 5-511, 5-512, 5-513, 5-514, 5-515, 5-516, 5-517, 5-518, 5-519, 5-520, 5-521, 5-522, 5-523, 5-524, 5-525, 5-526, 5-527, 5-528, 5-529, 5-530, 5-531, 5-532, 5-533, 5-534, 5-535, 5-536, 5-537, 5-538, 5-539, 5-540, 5-541, 5-542, 5-543, 5-544, 5-545, 5-546, 5-547, 5-548, 5-549, 5-550, 5-551, 5-552, 5-553, 5-554, 5-555, 5-556, 5-557, 5-558, 5-559, 5-560, 5-561, 5-562, 5-563, 5-564, 5-565, 5-566, 5-567, 5-568, 5-569, 5-570, 5-571, 5-572, 5-573, 5-574, 5-575, 5-576, 5-577, 5-578, 5-579, 5-580, 5-581, 5-582, 5-583, 5-584, 5-585, 5-586, 5-587, 5-588, 5-589, 5-590, 5-591, 5-592, 5-593, 5-594, 5-595, 5-596, 5-597, 5-598, 5-599, 5-60

PSYCHROMETRIC SUMMARY

MONTH

PAGE 1 0600-0900
HOURS (L. S. T.)

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTH

PAGE 1 0500-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
67																.4	.1	6	6																	
68															.1	.3	.1	7	7																	
69										.3	.5	.5	.3	.5	.3	.1		5	5																	
70										.4	.9	.3	.4	.5	.5			24	24																	
71										.5	.9	.3	.4	.5	.5			27	27																	
72							.3	.3	.8	.9	.3	.8	.9					32	32																	
73						.3	.4	.5	.7	.5	1.2	1.5	.9	.4				47	47																	
74						.3	.5	1.1	.8	1.2	2.1	1.2	.9					59	59																	
75				.1	.1	1.3	1.2	.8	2.0	2.0	1.5	.7	.1					77	77																	
76			.1	.4	.3	.9	1.1	1.9	1.5	.9	.9	.9						67	67																	
77			.1	.5	.1	1.1	.7	1.9	1.2	2.1	.4							80	80																	
78			.3	.5	.4	1.1	1.6	1.3	1.3	1.2	.7							66	66	1																
79		.2	.4	.5	.4	2.3	1.1	.7	1.1	.9								58	58	3.0	1															
80		.3	.5	.5	1.2	.5	1.5	1.2	1.2	.3								54	54	5.4	4															
81	.1	.6	.1	.7	.7	.8	.7	.5	.5	.1								39	39	5.4	21															
82		.5	.4	.7	.5	.3	.1	.5	.5	.4								23	23	7.0	2.0															
83		.4	.7	.3	.4	.3	.7	.4	.1									24	24	1.3	27															
84	.1	.1		1.1	.4	.3	.7	.8										26	26	11.3	2.9															
85			.7	.3	.4	.3	.4		.1									13	13	6.9	4.4															
86		.1		.3		.1	.3											6	6	6.9	4.3															
87	.1	.3			.1													4	4	5.1	4.4															
88	.1		.1	1	.5													7	7	2.8	1.2															
89			.3															2	2	2.5	3.7															
90																				1.8	6.1															
91			.1																																	
92		.3																3	3	12	5.3															
93																		2	2		4.4															
94																				2	5.4															
95																					4.4															
96																					4.9															
97																					2.4															
98																					1.3															
99																					1.4															
100																					4															
Element (X)	Σx ²			Σx			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-79

YEARS

MONTH

PAGE ~ 2500-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 11	.	3.5	3.5	6.1	6.2	9.9	11.2	13.5	12.6	11.7	7.8	5.9	4.0	2.2	.5	.4	.1		741		741
																		741		741	

USAFETIC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/HAL

PSYCHROMETRIC SUMMARY

2 44 GS AAI T (E. PASO)
STATION STATION NAME

72-75

YEARS

3 1
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
1/1																		.1	1	1				
1/2																		.2	6	6				
1/3																	.1	2.0	16	16				
1/8															.1	.1	1.1	.4	15	15				
3/7											.5	.1	.7	.4	1.6	1.1	.1	.3	32	32				
6/30											.7	.9	.8	.5	1.2	1.3	.3	.4	43	43				
1/8											1.3	.7	.4	.9	1.0	.7		.4	43	43				
1/14									.1	.5	1.2	.7	2.0	2.3	2.4	.4		.4	80	80				
1/14								.5	.3	1.2	.7	1.2	1.5	2.0	2.2	.1		.1	56	56				
7/7							.5	.3	1.2	.7	1.2	1.5	2.0	2.2	.1				73	73				
1/7						.1	.4	.2	1.3	1.9	1.8	.9	.3						60	60				
1/7						.7	.7	.5	1.2	1.3	1.2	1.2	.5						58	58				
1/7					.2	.3	.4	.4	2.3	.7	.9	.4	.3						49	49				
1/1				.1	.1	.5	.7	.5	1.8	.9	.4	.1							41	41				
6/6				.4	.2	.3	.5	.7	1.1	.7	.4	.4							37	37	8			
6/6			.5	.5	.3	.3	.3	1.5	.8	.1	.1	.1							32	32	25			
4/6		.1	.1	.3	.4	.1	.7	.7	.1	.4	.4								25	25	51			
1/01		.3	.1			.3	.5		.4	.3	.1								15	15	68	7		
1/9		.3	.1	.3	.1	.1	.5	.1	.5	.1									17	17	84	15		
1/57		.3	.1	.3	.1	.1	.1	.1	.1	.9									14	14	113	28		
1/5		.1		.1	.4	.1	.3												8	8	126	32		
1/5				.3	.2	.1		.1											6	6	90	25		
1/1			.1		.1			.3											4	4	75	35		
1/1																					39	34		
1/47					.1	.1													2	2	14	35		
1/45		.4			.1	.1													5	5	21	35		
4/1																					9	56		
6/43		.1																	1	1	6	6		
1/1		.3																	2	2	4	55		
1/31																					7	11		
1/31																						57		
3/73																						48		
1/31																						45		
6/2																						27		
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

• 140

2 CAT. IN SE-410 / 140

2 44
STATION

GS AAF IX (EI PASO)
STATION NAME

72-79

PSYCHROMETRIC SUMMARY

YEARS

001
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

[illegible]

HEATH, SEVILL/MAC

PSYCHROMETRIC SUMMARY

YEARS

_____ OCT _____
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

2 44 STATION LOGS AAF TX (EL PASO) STATION NAME

73-78

YEARS

MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
21																					27
20																					26
19																					17
18																					9
17																					2
16																					3
15																					-
14																					
13																					
12																					
11																					
10																					
9																					
8																					
7																					
6																					
5																					
4																					
3																					
2																					
1																					
0																					
		1.9	1.7	1.5	1.7	3.4	4.3	4.3	6.3	9.3	11.3	7.5	9.7	9.7	10.5	6.3	5.9	744	744	744	

PSYCHROMETRIC SUMMARY

72-79

YEARS

MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALCLIP TOLOG - RACH
YAC
SERVICI/ALCL

72-79

YEARS

MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM JUL 64 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5416
USAFETAC FORN
JUN 6

U.S. AIR FORCE
METAC
AIR FORCE SERVICE/MAO

PSYCHROMETRIC SUMMARY

204 65 AAF TY (EL PASO)
STATION STATION NAME

72-79

YEARS

MONTH

PAGE 1 2106-2340
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7													.3	.7				7	7		
7											.1	.5	.4	.4				17	17		
7								.5	.1	.1	.1	.0	.4					19	19		
7					.2	.1	.2	.9	.4	.5	.3	.3	.1					22	22		
7				.1	.3	1.7	.8	.3	.0	.8	.9		.3					46	46		
7			.1	.7	.4	.2	.1	.1	1.2	.5								30	30		
6			.5	.2	.1	.9	.9	1.1	1.1	.0	.3							49	49	1	
6		.5	.5	.5	1.3	.6	2.4	.5	1.2	.1								53	53	2	1
7		.4	.4	1.6	.7	1.6	1.6	1.6	.8	.4	.3							70	70	25	10
7		.5	1.1	.5	1.2	1.5	2.3	1.2	1.3	.5								80	80	40	2
7		1.3	.3	.6	1.9	2.3	1.2	1.9	.1	.3								78	78	41	15
6		1.6	1.2	.7	.9	1.5	1.1	1.3	.1	.3								65	65	57	22
7		.5	1.2	.7	1.3	1.2	1.9	.7	.3									58	58	63	34
7		.7	.9	.5	1.2	1.6	.7	.5	.1									47	47	92	7
7		.1	.7	1.2	.7	.7	1.6	.1										38	38	101	37
4		.3	.4	.3	.4	1.1	.4											24	24	63	32
7		.4	.3	.1	.1	.5												14	14	65	38
4		.3	.1	.4	.3													8	9	69	6
7		.1		.1	.1													3	3	44	49
7		.3	.1															3	3	28	60
7		.3																2	2	27	55
7																				37	57
3																				36	57
7																				1	33
7																					37
7																					34
7																					12
7																					14
7																					15
7																					15
7																					3
7																					4
7																					2
7																					1
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

429

SECRET

PSYCHROMETRIC SUMMARY

2 44
STATION

..GS AAF TX (EL PASO)

STATION NAME

72-79

YEARS

MONTH

PAGE 7 2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
AN 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

AL CLIMATOLOGY BRANCH
 TAC
 EATH - SE-VIC/MAC

PSYCHROMETRIC SUMMARY

2 44 GS AAF T (EL PASO) 72-79 YEARS MONTH

PAGE 1 ALL MONTHS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
72																		2	2					
71																		3	17	17				
70																		6	32	32				
69																		2	41	41				
68																		1	73	73				
67																		1	100	100				
66																			116	116				
65																			124	124				
64																			162	162				
63																			204	204				
62																			225	225				
61																			240	240				
60																			241	241				
59																			313	313				
58																			780	780				
57																			312	312				
56																			344	344	166			
55																			360	360	321			
54																			370	370	388			
53																			358	358	435			
52																			364	364	657			
51																			345	345	636			
50																			283	283	637			
49																			241	241	588			
48																			204	204	445			
47																			174	174	415			
46																			115	115	361			
45																			64	64	247			
44																			58	58	190			
43																			27	27	126			
42																			20	20	105			
41																			1	1	57			
40																			2	2	19			
39																								
Element (X)	2x		2x		X		X		X		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-79

YEARS

34
MONTH

PAGE 2

11
HOURS (L. S., T.)

[illegible]

PSYCHROMETRIC SUMMARY

2 44	GL AAF TX (EL PASO)
STATION	STATION NAME

72-77

YEARS

NOV
MONTH

PAGE 1 0000-0233
HOURS (L. S. T.)

[illegible]

AL CLIMATOLOGY BRANCH
TAC
AIR FORCE SERVICE APOC

72-76

YEARS

NO
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ -1 - / -2																					2 1
1.7	17.9	17.2	17.8	15.6	12.1	7.1	4.0	3.2	1.5	1.7	.3							720	720	720	720

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5019
USAFETAC

USAFETAC FORM 0-26-5 (OL-A)

PSYCHROMETRIC SUMMARY

72-79

YEARS

NO.
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
- / - - / -																								
56	3.2	22.8	23.5	16.5	14.7	6.9	4.6	3.3	2.4	1.5	1.0							720	720	720	720			

PSYCHROMETRIC SUMMARY

72-79

YEARS

NO:
MONTH

PAGE 2

0600-0200
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

244	01660 AAF TX (EL PASO)
STATION	STATION NAME

72-79

YEARS

NOV
MONTH

PAGE 1 0900-110
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

2 44 STATION IGGG AAF IX (EL PASO) STATION NAME

12-79

YEARS

NOV
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
7																						
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PSYCHROMETRIC SUMMARY

2 44	07665 AAF TX (EL PASO)
STATION	STATION NAME

72-74

YEARS

401

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

244 STATION GGS AAF TX (EL PASO) STATION NAME

72-19

YEARS

NOV
MONTH

PAGE C 1200-1400
HOURS (L. S. T.)

50230 0-26-5 (OLA) FORM 10-64
USAFETAC REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIRCRAFT SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 44 1965 AAF TX (EL PASO)
 STATION STATION NAME

72-79

YEARS

NOV
 MONTH

PAGE 1 1530-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
57																		3	3						
58																		6	4						
59																		11	11						
60																		26	26						
61																		25	25						
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73																		20	20						
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USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

244	1365 AAF TY (EL PASO)
STATION	STATION NAME

72-79

YEARS

NOV
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
1 / 1																					4.0		
2 / 13																					7.4		
3 / 11																					1.7		
4 / 4																					4		
5 / 7																					4		
6 / 6																					5		
7 / 2																					1		
8 / -1																					1		
9 / -2																					1		
10 / -3																					1		
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PSYCHROMETRIC SUMMARY

2 44 603 AAF TX (EL PASO)
STATION STATION NAME

12-79

YEARS

NEW
MONTH

PAGE 1 1807-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

2140 1969 A F 14 (CL 2450)
STATION STATION NAME

72-79

YEARS

NOV
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

72-79

YEARS

10
MONTH

0467' 2100-2300
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 71																		2	2																
2 / 65																		5	5																
3 / 67																		8	8																
4 / 65																		10	10																
5 / 5																		13	13																
6 / 63																		17	17																
7 / 19																		31	31																
8 / 61																		40	40																
9 / 15	.1	.7	.6		.3	1.0	1.1	1.0	.3	.1								37	37	7	1														
10 / 5	.3	.7	.7	.3	.2	1.1	1.2	.6	.4									42	42	11	5														
11 / 51		.6	.7	.7	1.1	1.1	1.1	1.1										44	44	27	14														
12 / 4		.8	1.3	1.2	2.2	2.2		1.9	.1									82	82	28	9														
13 / 47		.6	2.5	.8	2.2	2.6	1.1	.4										74	74	39	16														
14 / 4	.1	.4	1.7	2.2	1.1	2.6	1.1	.3										73	73	74	11														
15 / 41		1.1	.4	1.7	.8	1.4	.8											48	48	72	16														
16 / 41		1.7	.4	1.3	.7	1.4	.7	.1										45	45	76															
17 /		.1	1.1	.3	.6	1.1	.1											24	24	80	41														
18 / 37	.2	.8	.8	1.0	1.3	1.5	.1											38	38	73	37														
19 / 3		.1	.7	1.3	1.5	.3												28	28	58	44														
20 / 33		.3	.1	.2	.6													13	13	37	38														
21 / 31		.3	.6	.3	.6	.3												14	14	37	55														
22 / 27		.6	.3	1.1	.1													15	15	32	58														
23 /		.4																4	4	29	45														
24 / 25		.1																1	1	16	52														
25 / 25		.7																5	5	14	33														
26 / 21																																			
27 / 17		.4																3	3		47														
28 / 17																																			
29 / 15		.1																1	1	1	30														
30 / 12																																			
31 / 11																																			
32 /																																			
33 / 7		.4																3	3	3	3														
34 /																																			
Element (r)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

NOV
MONTH
PG-2300
95 (L. S. T.)

AL	Dew Point
2	1
11	5
27	14
28	6
35	16
74	11
72	10
76	6
80	4
73	37
39	44
37	38
37	55
32	33
29	45
16	52
14	33
2	31
	47
3	23
1	30
	25
	2
3	3
	4
Total	

1. AL CLIMATOLOGY BRANCH
-ETAG
A. HEATING SERVICE /MAC

2 44 STATION 26GS 2AF TX (CL PLAS) STATION NAME

12-79

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 21DC-23GG
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

72-19

YEARS

NO
MONTH

PAGE 1

411

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
1																		3	3						
2																		12	12						
3																		21	21						
4																		44	44						
5																		56	56						
6																		70	70						
7																		106	106						
8																		145	145						
9																		183	183						
10																		191	191						
11																		210	210						
12																		249	249						
13																		293	293	11					
14																		308	308	30					
15																		362	362	129	1				
16																		329	329	184	47				
17																		327	327	311	112				
18																		349	349	384	71				
19																		339	339	470	90				
20																		329	329	510	122				
21																		318	318	540	135				
22																		278	278	547	192				
23																		258	258	513	250				
24																		249	249	450	324				
25																		185	185	371	385				
26																		134	134	307	359				
27																		130	130	258	449				
28																		90	90	200	465				
29																		61	61	166	422				
30																		50	50	117	367				
31																		14	14	99	299				
32																		16	16	52	267				
33																		19	19	27	318				
34																		3	3	17	200				
Element (X)	Σ X ²	Σ X				Σ	σ _x	No. Obs.				Mean No. of Hours with Temperature													
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																									
Wet Bulb																									
Dew Point																									

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

244 STATION G3 AF IV (EL PASO) STATION NAME

72-75

YEARS

4.2
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

[illegible]

U.S. AIR FORCE CLIMATOLOGY BRANCH
 TAC
 WEATHER SE VIC /MAL

PSYCHROMETRIC SUMMARY

2 44 1305 AAF TX (EL 2450)
 STATION STATION NAME

72-79

YEARS

DEC
 MONTH

PAGE 2 0000-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-3																					1
-2																					4
-1																					3
0																					1
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U. S. AIR FORCE CLIMATOLOGY BRANCH
AFMPC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 44 GS AAF TX (EL PAJO)
STATION STATION NAME

72-75

YEARS

DEC
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
9																		12	12							
10																		7	7							
11																		12	12							
12																		9	9							
13																		17	17	3						
14																		15	15	1	3					
15																		33	33	6	1					
16																		50	50	23	5					
17																		43	43	34	7					
18																		39	39	29	17					
19																		48	48	26	14					
20																		47	47	35	16					
21																		48	48	36	21					
22																		51	51	85	16					
23																		85	85	72	32					
24																		63	63	94	37					
25																		57	57	61	52					
26																		31	31	88	71					
27																		25	25	52	52					
28																		23	23	35	35					
29																		16	16	23	77					
30																		7	7	14	60					
31																		4	4	14	54					
32																		2	2	5	51					
33																				3	29					
34																				2	23					
35																				1	14					
36																					4					
37																					22					
38																					11					
39																					2					
40																					3					
41																					6					
42																					2					
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total			
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-79

YEARS

DEC
MONTH

PAGE 7

~~0300-0500~~
HOURS (L. S. T.)

[illegible]

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 44 1055 JAF TX (EL PASO)
STATION STATION NAME

72-79
YEARS

MONTH

PAGE 1

0600-0300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 31										.1								1	1		
1 / 29									.1	.1	.3							4	4		
1 / 5							.1	.5										6	6		
5 / 35			.1		.3	.1			.1	.1								6	6		
4 / 50		.1	.1		.4		.4	.5	.3									14	14		
1 / 51				.7	.7	.4	.4	.4										16	16	3	
1 / 41			.1	.5	.1	.3	.5	.9										19	19		3
1 / 47		.4	.7	.3	.1	.4	.7	.7										28	28	2	
1 / 46	.1	.5	.9	.3	.4	1.2	.3	.1										35	35	21	5
4 / 6		.5	.9	.5	1.5	1.6	.2	.3										47	47	28	4
1 / 41	.3	.7	.7	1.1	1.1	.7	.1											34	34	24	12
1 / 7	.4	.8	1.2	2.0	2.7	1.2	.4											65	65	34	21
7 / 22	.1	.4	1.6	1.3	1.7	.7												44	44	42	19
1 / 21		.8	1.7	1.3	1.2	.5												43	43	40	17
3 / 24	.1	2.0	1.2	2.4	1.6	.3												57	57	66	13
1 / 21	.1	4.2	2.4	2.6	.2	.7												95	95	70	24
1 / 2	.9	2.7	2.4	3.1	.9													74	74	90	49
1 / 27	.8	3.2	1.9	1.2	.3													55	55	70	50
1 / 25	.5	2.4	1.2	.8														37	37	82	57
1 / 23	.7	1.1	.3	.4														18	18	62	42
7 / 21	.7	1.2	.7	.5														23	23	33	60
1 / 1	.2	.8	.3	.7														15	15	25	84
1 / 17	.1	.3	.7	.5														12	12	15	60
1 / 1		.3	.1	.1														3	3	12	44
1 / 13			.1															1	1	9	44
1 / 11			.1															1	1	2	21
1 / 7			.1															1	1	2	34
1 / 7																				1	15
1 / 7																				1	5
1 / 1																					13
1 / -1																					7
-1 / -																					5
-3 / -0																					2
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

2 44 STATION 1665 AAF TX (EL PASO) STATION NAME

72-73

YEARS

12 MONTH

PAGE 2 3600-0200
HOURS (L. S. T.)

[illegible]

1. AL CLIMATOLOGY BRANCH
 AFSTAC
 METEOROLOGICAL SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 44 STATION 1000 AAF TX (EL PASO)

14-72

YEARS

DEC
 MONTH

PAGE 1 0000-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
1 / 65												.1						1	1							
1 / 67											.1	.1						3	3							
6 / 61										.5	.4	.4	.1					11	11							
6 / 63					.1			.3	.3	.3	.6	.1						15	15							
2 / 61				.1			.3	.3		.3	.4							14	14							
1 / 59						.1	.3	.1		1.2	.1							22	22							
1 / 57				.1		.9	.1	.1	1.3	.9								27	27							
5 / 55				.1		.9	.7	1.1	.7	.4								29	29	2						
1 / 53				.3	.5	.5	1.1	1.7	1.1	.1								40	40	1						
1 / 51			.4	.7	.4	.4	1.7	2.3	.9									55	55		1					
1 / 49			.7	.5	.7	1.3	2.9	1.7	.7									63	63	11	2					
1 / 47		.1	.1	.5	1.1	2.8	2.8	.7	.7									63	63	29						
1 / 44		.1	.1	1.3	2.4	2.6	2.2	1.2	.1									80	80	31	9					
4 / 42	.1	.7	.7	1.5	1.9	2.3	.5	.5										64	64	54	9					
1 / 41	.1	.7	.8	1.9	1.5	1.3	1.7											61	61	71	23					
1 / 39	.1	.8	1.5	2.2	1.7	1.5	.7											62	62	81	13					
1 / 37	.1	.7	1.6	1.2	1.2	.7	.1											42	42	110	26					
1 / 35		1.1	.7	1.1	.4	.7	.4											29	29	67	24					
3 / 33	.1	.8	.4	.7	.5	.7												24	24	94	28					
1 / 31	.4	.5	.4	.3	.4	.3												17	17	62	49					
1 / 29	.5	.7	.5	.3	.1													12	12	44	60					
1 / 27	.7	.1			.1													4	4	24	65					
1 / 25	.1			.1	.1													5	5	18	68					
1 / 23			.1															1	1	10	61					
2 / 21																				3	63					
1 / 19																				3	61					
1 / 17																					35					
1 / 15																					32					
1 / 13																					72					
1 / 11																					24					
1 / 9																					32					
1 / 7																					17					
1 / 5																					0					
4 / 3																					4					
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

1. EAT IN SERVICE / MAC

PSYCHROMETRIC SUMMARY

2144 1605 GAF TX 1EL PASO
STATION STATION NAME

72-79

YEARS

030
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 1200-1430
HOURS (L. S. T.)

[illegible]

CLIMATE CLIMATOLOGY BRANCH
OFFICE
ADMINISTRATIVE SERVICES / MAC

72-79

YEARS

DEC
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5032
USAFETAC 1004

36

6

6

6

6

6

6

USA/FETAC FORM 0-20-5 (OLEA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23044	JIGGS AAF TX (EL PASO)
STATION	STATION NAME

72-70

YEARS

DE
MONTH

PAGE 2 ~~1500-1700~~
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

72-79

YEARS

DEC
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

72-79

YEARS

5 MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

72-79

GE
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
67											.3	.1						1	1				
66											.4							5	5				
65								.1	.1	.1	.1	.3						6	6				
64							.1		1.1	.4	.8							18	18				
63						.1	.1	.1	.7	.4	.3	.1						14	14				
62				.1	.1	.5	.7	.8	.5	.9	.1							26	26				
61			.3		.5	.3	.6	.5	.4	.7								26	26				
60			.4	.4	.3	.4	.4	.9	.1									22	22				
59			.1	.7	1.2	.9	1.2	1.6	1.2	.3								54	54	3			
58	.1	.4		.9	.9	1.1	.4	.9	.1									37	37	7	3		
47		.4	.1	.7	.8	.9	2.6	1.2	.3									48	48	19	4		
46		.1	.5	.3	.9	1.9	1.1	.4										39	39	41	4		
45		.1	.4	.7	1.7	1.6	.7	.1										40	40	43	4		
44		.7	.9	1.7	1.3	2.3	.7											57	57	41	12		
43		1.1	.5	1.3	2.6	1.6	.5											57	57	52	16		
42		.5	3.9	2.0	2.3	1.1												66	66	67	26		
41		.9	2.6	.9	2.3	1.3												60	60	76	17		
40		2.4	2.2	1.3	.9	1.1												59	59	92	15		
39	.3	.8	2.2	1.3	.7	.5												43	43	88	40		
38	.7	.4	1.1	.2	1.5													34	34	69	66		
37	.3	.5	.5	.7														15	15	61	77		
36	.3	.4	.1	.1	.4													10	10	29	61		
35	.1		.1															2	2	31	30		
34	.1				.1													2	2	16	45		
33				.4														3	3	2	73		
32																				3	58		
31																					43		
30																					29		
29																					11		
28																					21		
27																					17		
26																					7		
25																					5		
Element (X)	Σx ²		Σx		X		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

2044	21665 AAF IV (EI PASO)
STATION	STATION NAME

72-70

YEARS

030
MONTH

PAGE 2 ~~2100-2300~~
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23.44	21005 AAF IX (EL PASO)
STATION	STATION NAME

72-79

YEARS

DEC
MONTH

PAGE 1

111
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
79																		1	1																
75																		6	6																
73																		11	11																
71																		18	18																
69																		60	60																
67																		58	58																
65																		96	96																
63																		161	161																
61																		162	162																
59																		202	202																
57																		241	241	2															
55																		252	252	7															
53																		302	302	17	1														
51																		347	347	43	10														
49																		323	323	115	21														
47																		376	376	211	18														
45																		407	407	373	44														
43																		341	341	467	45														
41																		310	310	471	102														
39																		328	328	537	135														
37																		306	306	586	186														
35																		298	298	510	150														
33																		289	289	546	175														
31																		321	321	486	310														
29																		259	259	439	435														
27																		120	180	353	495														
25																		107	107	293	513														
23																		53	53	212	356														
21																		57	57	109	464														
19																		43	43	75	569														
17																		21	21	34	426														
15																		8	8	28	346														
13																		5	5	21	323														
11																		1	1	7	203														
Element (X)	Σx ²		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ														
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			
					</																														

PSYCHROMETRIC SUMMARY

72-70

YEARS

DEC
MONTH

PAGE 2

511
HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2744 21SGS AAF TY (EL PASO)
STATION STATION NAME

72-80
YEARS

ALL
MONTH

PAGE 1
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
112/111																		.0															1			
110/109																		.2															14			
108/107																		.1															53			
106/105																		.1															98			
104/103																		.2															151			
102/101																		.4															265			
100/99																		.0															440			
98/97																		.1															636			
96/95																		.0															977			
94/93																		.7															1109			
92/91																		.0															1182			
90/89																		.1															1440			
88/87																		.3															1471			
86/85																		.4															1619			
84/83																		.3															1795			
82/81																		.4															2109			
80/79																		.5															2301			
78/77																		.4															2270			
76/75																		.3															2583			
74/73																		.2															2637			
72/71																		.1															2783			
70/69																		.0															3049			
68/67																		.0															2708			
66/65																		.0															2593			
64/63																		.0															2421			
62/61																		.0															2376			
60/59																		.0															2533			
58/57																		.0															2462			
56/55																		.0															2547			
54/53																		.0															2444			
52/51																		.0															2440			
50/49																		.0															2332			
48/47																		.0															2180			
46/45																		.0															2122			
Element (X)	Σ x'					Σ x					Σ					Σ					Σ					Σ					Total					
Rel. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

FORM 0-26-5 (OLAT)
USAFETAC

PSYCHROMETRIC SUMMARY

72-82

YEARS

41
MAY

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23044 BIGGS AAF TX (EL PASO)

72-80

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	38.4	42.1	49.1	56.0	64.6	74.6	74.8	72.9	66.5	55.7	44.3	38.7	56.5	
	S.D.	8.145	9.033	8.929	9.690	8.348	7.907	5.754	5.503	7.067	7.590	9.619	9.694	15.718	
	TOTAL OBS	743	678	744	719	744	720	744	743	720	742	720	744	8761	
03-05	MEAN	36.3	39.1	45.3	51.3	60.0	68.7	71.3	69.5	63.4	52.5	41.2	36.0	52.9	
	S.D.	8.633	9.357	9.031	9.551	8.195	7.094	4.997	4.893	6.722	7.524	9.543	9.540	15.150	
	TOTAL OBS	744	677	744	720	744	718	744	744	719	743	720	744	8761	
06-08	MEAN	35.3	38.3	45.2	53.2	63.8	73.4	74.2	71.6	64.8	53.9	41.7	35.4	54.3	
	S.D.	8.286	9.060	8.615	9.490	8.006	7.229	5.752	5.273	7.083	7.954	9.432	9.197	16.468	
	TOTAL OBS	744	678	744	720	744	719	744	744	719	742	720	744	8762	
09-11	MEAN	44.1	49.1	57.0	66.0	75.0	86.0	84.5	82.3	75.8	67.1	53.6	46.1	65.6	
	S.D.	7.922	8.229	8.344	9.189	7.851	7.096	6.597	5.863	8.129	8.636	9.397	8.526	16.736	
	TOTAL OBS	744	678	743	719	744	720	744	744	720	741	719	744	8760	
12-14	MEAN	52.0	57.8	65.3	73.9	82.5	93.8	91.3	89.5	82.9	75.1	61.7	54.7	73.4	
	S.D.	8.344	9.199	8.695	9.294	7.867	6.951	7.015	6.582	9.296	9.470	10.000	8.696	16.572	
	TOTAL OBS	743	677	744	720	743	717	744	744	720	741	720	744	8757	
15-17	MEAN	54.2	60.4	67.5	76.1	84.2	95.8	92.5	90.6	84.0	76.0	62.6	55.8	75.0	
	S.D.	8.489	9.598	8.746	9.311	8.018	7.059	8.171	7.091	9.336	9.627	9.950	8.577	16.552	
	TOTAL OBS	743	678	744	720	744	719	744	743	720	744	720	744	8763	
18-20	MEAN	46.7	53.0	60.8	69.4	78.0	89.9	87.0	84.1	76.7	66.2	53.0	47.1	67.7	
	S.D.	7.946	9.063	9.020	9.739	8.764	8.202	8.632	7.215	8.651	8.539	9.480	8.789	17.276	
	TOTAL OBS	744	677	744	719	744	720	744	741	719	743	720	743	8758	
21-23	MEAN	41.8	46.6	53.8	61.3	70.0	80.8	79.7	77.8	70.3	59.6	47.4	42.5	61.0	
	S.D.	8.163	9.039	8.794	9.594	8.157	8.014	6.789	5.739	7.458	7.849	9.590	9.539	16.263	
	TOTAL OBS	744	678	744	720	743	719	744	741	720	744	720	744	8761	
ALL HOURS	MEAN	43.6	48.3	55.5	63.4	72.3	82.9	81.9	79.7	73.1	63.3	50.7	44.5	63.3	
	S.D.	10.538	11.966	11.927	12.954	11.743	12.038	10.203	9.730	10.987	12.082	12.448	11.689	18.179	
	TOTAL OBS	5949	5421	5951	5757	5950	5752	5952	5944	5757	5940	5759	5951	70083	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23044 BIGGS AAF TX (EL PASO)

72-80

STATION		STATION NAME												TEARS
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	33.4	35.0	37.8	42.1	49.0	55.7	62.7	61.4	57.9	47.9	37.6	32.2	46.1
	S D	6.659	7.193	6.122	6.556	5.468	5.039	3.014	3.428	5.596	6.722	7.955	7.327	12.371
	TOTAL OBS	743	678	744	719	744	720	744	743	720	742	720	744	8761
03-05	MEAN	32.1	33.1	35.9	40.0	47.3	53.8	61.8	60.5	56.6	46.3	35.7	30.6	44.5
	S D	7.053	7.584	6.445	6.994	5.699	5.405	3.271	3.621	5.943	7.164	8.136	7.660	12.730
	TOTAL OBS	744	677	744	720	744	718	743	744	719	743	720	744	8760
06-08	MEAN	31.4	32.8	36.1	41.3	49.8	56.6	63.1	61.9	57.7	47.2	36.0	30.3	45.4
	S D	6.884	7.556	6.216	6.957	5.537	4.963	3.092	3.321	5.852	7.351	8.138	7.499	13.344
	TOTAL OBS	744	678	744	720	744	719	744	744	719	742	720	744	8762
09-11	MEAN	36.7	39.0	42.5	47.5	54.3	61.2	66.0	65.1	61.6	53.4	42.7	36.9	50.6
	S D	5.919	5.846	5.042	5.881	4.577	4.054	2.339	2.333	4.864	6.049	7.104	5.871	11.846
	TOTAL OBS	744	677	743	719	744	720	744	744	720	741	719	744	8759
12-14	MEAN	40.7	43.0	45.3	50.3	56.2	62.5	66.9	65.9	62.9	55.9	46.2	41.2	53.2
	S D	5.642	5.502	4.686	5.284	4.043	3.451	2.084	2.171	4.346	5.511	6.586	5.305	10.542
	TOTAL OBS	743	677	743	720	743	717	744	743	720	741	720	744	8755
15-17	MEAN	41.5	43.8	46.4	50.6	56.2	62.4	66.4	65.4	62.4	55.6	46.3	41.6	53.3
	S D	5.426	5.430	4.488	4.887	3.636	3.082	2.123	2.153	4.123	5.314	6.422	5.246	10.067
	TOTAL OBS	743	678	744	720	744	719	744	743	720	744	720	744	8763
18-20	MEAN	37.9	40.3	43.2	47.7	54.0	60.3	64.9	63.8	60.5	52.1	42.0	37.1	50.4
	S D	5.824	5.806	4.894	5.296	4.075	3.624	2.381	2.652	4.692	5.916	7.150	6.022	11.093
	TOTAL OBS	744	677	744	719	744	720	743	741	719	743	720	743	8757
21-23	MEAN	35.3	37.3	40.1	44.4	51.2	57.8	63.5	62.5	58.8	49.5	39.2	34.5	47.9
	S D	6.444	6.694	5.483	5.818	4.855	4.491	2.791	2.964	5.324	6.471	7.735	6.879	11.816
	TOTAL OBS	744	678	744	720	743	719	744	741	720	744	720	744	8761
ALL HOURS	MEAN	36.1	38.0	41.0	45.5	52.3	58.8	64.4	63.3	59.8	51.0	40.7	35.5	48.9
	S D	7.178	7.616	6.707	7.134	5.751	5.312	3.207	3.452	5.584	7.273	8.420	7.746	12.202
	TOTAL OBS	5949	5420	5950	5757	5950	5752	5950	5943	5757	5940	5759	5951	70078

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

2304 BIGGS AAF TX (EL PASO)

72-80

STATION		STATION NAME												YEARS	
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN	26.2	24.3	22.2	24.8	33.0	39.8	55.0	54.1	51.7	40.3	28.7	21.8	35.2	
	S D	8.283	11.117	9.782	10.099	11.641	11.601	7.631	6.751	8.684	10.156	10.966	10.257	15.666	
	TOTAL OBS	743	678	744	719	744	720	744	743	720	742	720	744	8761	
03-05	MEAN	25.7	23.6	22.0	25.5	33.7	40.7	55.7	54.7	51.7	39.9	27.9	21.5	35.3	
	S D	8.161	11.137	9.555	10.289	11.095	11.118	7.172	6.326	8.562	10.193	10.990	10.324	15.770	
	TOTAL OBS	744	677	744	720	744	718	743	744	719	743	720	744	8760	
06-08	MEAN	25.4	23.8	23.1	26.7	36.1	43.2	56.4	55.9	52.6	40.6	28.1	21.6	36.2	
	S D	8.109	11.215	9.466	10.240	10.510	10.651	6.901	5.479	8.312	10.312	10.961	10.219	15.899	
	TOTAL OBS	744	678	744	720	744	719	744	744	719	742	720	744	8762	
09-11	MEAN	26.9	25.5	24.5	27.5	36.1	43.5	55.7	55.4	52.5	41.8	29.8	23.9	37.0	
	S D	8.043	10.605	8.821	9.477	9.805	10.398	6.419	5.251	8.255	9.766	10.445	9.415	14.936	
	TOTAL OBS	744	677	743	719	744	720	744	744	720	741	719	744	8759	
12-14	MEAN	26.6	24.7	23.2	25.8	33.7	40.4	53.3	52.6	50.2	40.5	29.5	24.1	35.4	
	S D	8.531	10.174	8.264	8.963	9.411	9.230	6.493	5.825	8.527	9.534	10.074	9.601	14.197	
	TOTAL OBS	743	677	743	720	743	717	744	743	720	741	720	744	8755	
15-17	MEAN	26.0	23.3	21.7	23.9	31.7	38.0	51.3	50.5	48.3	38.9	28.4	23.4	33.8	
	S D	8.744	10.218	8.581	8.809	9.587	8.975	7.205	6.567	9.114	9.852	10.225	9.802	14.076	
	TOTAL OBS	743	678	744	720	744	719	744	743	720	744	720	744	8763	
18-20	MEAN	26.4	23.2	21.2	23.2	31.5	37.8	51.5	51.4	49.3	39.4	28.7	23.1	34.0	
	S D	8.618	10.861	8.887	8.981	10.970	10.082	8.188	7.454	9.237	10.374	11.056	9.866	14.712	
	TOTAL OBS	744	677	744	719	744	720	743	741	719	743	720	743	8757	
21-23	MEAN	26.7	24.2	21.8	24.5	32.7	39.1	53.5	53.1	50.6	40.0	28.7	22.6	34.8	
	S D	8.452	11.200	9.282	9.430	11.657	11.452	8.166	7.027	9.130	10.394	10.959	9.963	15.244	
	TOTAL OBS	744	678	744	720	743	719	744	741	720	744	720	744	8761	
ALL HOURS	MEAN	26.2	24.1	22.5	25.2	33.6	40.3	54.0	53.5	50.9	40.2	28.7	22.7	35.2	
	S D	8.381	10.840	9.141	9.639	10.739	10.661	7.524	6.615	8.849	10.106	10.727	9.978	15.109	
	TOTAL OBS	5043	5420	5950	5757	5950	5752	5950	5943	5757	5940	5759	5951	70278	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	99.5	96.6	90.4	76.0	58.1	36.9	20.5	5.7	64.0	743
	03-05	100.0	99.7	99.1	93.7	79.8	66.4	46.9	28.0	8.6	67.7	744
	06-08	100.0	99.7	98.8	94.9	84.5	69.4	48.7	31.6	10.9	69.1	744
	09-11	100.0	99.3	93.1	73.7	51.6	31.6	17.5	10.8	3.6	53.9	744
	12-14	100.0	93.4	68.2	38.8	22.6	12.8	7.1	3.6	1.6	40.4	743
	15-17	100.0	83.7	56.7	31.1	18.0	9.6	6.6	3.1	1.5	36.8	743
	18-20	100.0	97.2	84.5	60.9	39.0	24.1	12.4	6.3	2.3	48.2	744
	21-23	100.0	99.3	93.4	83.3	64.0	41.8	26.2	12.1	3.6	58.1	744
TOTALS		100.0	96.5	86.3	70.9	54.4	39.2	25.3	14.5	4.7	54.8	5949

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

FEB
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	95.1	83.9	67.1	51.3	38.3	23.9	15.6	4.3	53.6	678
	03-05	99.7	96.9	88.8	75.8	60.6	45.6	30.9	20.2	7.4	52.0	677
	06-08	99.9	97.3	89.4	78.5	63.1	48.5	35.0	23.9	9.3	60.2	678
	09-11	99.4	88.8	68.7	51.8	33.1	20.5	13.4	8.4	3.4	44.4	677
	12-14	96.2	68.4	43.4	23.5	14.5	9.3	5.3	2.1	1.3	32.1	677
	15-17	94.2	55.6	32.2	18.6	10.2	7.2	4.7	2.1	.7	23.1	678
	18-20	97.8	74.4	51.6	32.1	19.5	13.0	9.6	5.0	1.5	36.0	677
	21-23	99.9	89.4	72.1	54.6	38.8	23.0	15.2	8.1	3.1	46.0	678
TOTALS		98.4	83.2	66.3	50.3	36.4	25.7	17.3	10.7	3.9	44.8	5420

RELATIVE HUMIDITY

MAR
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	99.6	84.3	60.1	39.0	21.0	10.3	5.2	2.3	.1	38.0	744
	03-05	99.9	92.6	73.8	51.1	32.8	17.2	9.5	3.4	.7	43.7	744
	06-08	99.7	93.8	75.0	53.1	35.9	20.2	10.5	5.1	1.1	45.1	744
	09-11	98.9	74.3	43.2	23.0	10.9	4.6	2.7	1.5	.3	31.5	743
	12-14	91.7	45.6	15.9	6.1	3.0	1.9	.5	.1		22.2	743
	15-17	86.6	32.0	11.6	5.8	3.0	.9	.1			19.6	744
	18-20	94.5	49.1	22.8	12.0	6.5	2.8	1.1	.1		24.5	744
	21-23	98.0	72.3	43.3	22.6	13.2	5.5	2.4	.7		31.6	744
TOTALS		96.2	68.0	43.3	26.6	15.8	7.9	4.0	1.7	.3	32.0	5950

FORM
N-1-A

0-87-5 (OL, A)

RELATIVE HUMIDITY

APR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	99.9	77.2	46.2	25.5	13.8	7.5	3.8	1.1	.1	33.1	719
	03-05	100.0	89.3	65.3	38.2	23.2	14.3	7.9	2.9	.2	39.8	720
	06-08	100.0	88.6	62.6	36.5	21.5	12.5	6.9	2.6	1.1	39.0	720
	09-11	98.6	56.5	23.9	11.8	5.6	2.5	1.4	.8	.8	25.8	719
	12-14	87.5	26.5	7.4	2.4	1.7	1.4	.7	.6	.1	16.3	720
	15-17	75.7	17.9	5.0	2.5	1.3	.8	.6	.1	.1	15.8	720
	18-20	85.5	31.7	11.8	4.9	3.1	1.1	.6			19.6	719
	21-23	97.2	62.8	30.0	14.2	7.8	3.9	1.7	.8	.3	27.3	720
TOTALS		93.1	56.3	31.5	17.0	9.8	5.5	3.0	1.1	.4	27.3	5757

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23044 BTGGS AAF TX (EL PASO)
STATION STATION NAME

73-80

MAY
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	97.2	72.2	47.6	30.4	19.1	14.9	11.3	6.0	2.4	35.9	744
	03-05	99.9	84.8	62.1	44.0	28.9	20.6	14.5	9.6	3.8	42.3	744
	06-08	100.0	85.3	59.3	37.6	25.5	18.4	11.4	4.7	1.6	40.1	744
	09-11	97.6	56.6	28.4	17.9	9.5	5.5	2.4	.3	.1	27.5	744
	12-14	86.1	26.5	14.1	6.2	2.8	1.5	.4			19.4	743
	15-17	75.4	19.5	10.5	5.4	3.2	1.2	.8	.4	.3	17.3	744
	18-20	83.2	32.5	19.4	12.6	7.7	5.8	3.6	1.7	.7	22.3	744
	21-23	93.3	59.2	32.7	20.6	14.3	10.4	7.4	3.2	.8	29.9	743
TOTALS		91.6	54.6	34.3	21.8	13.9	9.8	6.5	3.3	1.2	29.3	5950

USAFETAC FORM 0-87-5 (OL A)
JUL 64

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0-87-5 (OL-A)'

RELATIVE HUMIDITY

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80

JUL
MON

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	97.0	85.2	68.5	54.0	39.8	24.1	15.6	2.7	54.3	744
	03-05	100.0	99.2	92.7	81.6	67.0	53.4	36.1	21.7	6.5	61.5	743
	06-08	100.0	97.8	91.8	78.2	60.1	43.8	25.7	14.7	4.3	57.3	744
	09-11	99.7	91.9	69.8	45.2	23.1	10.8	5.4	2.3	.1	40.3	744
	12-14	99.1	72.6	39.2	17.1	8.2	3.5	1.7	.7		30.0	744
	15-17	97.0	59.1	32.5	17.7	8.6	4.2	2.0	.7		27.7	744
	18-20	97.8	68.4	46.6	31.4	18.6	11.0	5.7	2.8	.7	34.0	743
	21-23	99.6	89.8	69.4	51.6	36.6	23.3	11.4	6.9	1.5	44.7	744
TOTALS		99.2	84.5	65.9	48.9	34.5	23.7	14.0	8.2	2.0	43.7	5950

USAFETAC FORM 0-87.5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

73-80
PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	98.9	93.0	75.4	54.4	35.5	17.6	10.4	2.7	54.4	743
	03-05	100.0	100.0	98.1	87.5	71.6	50.9	29.4	16.8	5.1	61.6	744
	06-08	100.0	99.7	97.7	87.8	70.7	46.6	23.3	12.0	2.8	59.7	744
	09-11	100.0	96.8	79.0	47.8	22.0	8.9	4.4	1.9	.1	41.8	744
	12-14	100.0	79.4	40.2	15.7	8.2	4.2	1.6	.7	.1	30.6	743
	15-17	99.6	62.9	29.3	15.1	7.1	4.2	2.6	.7		27.9	743
	18-20	99.7	79.8	52.6	30.6	18.4	11.6	5.8	2.0		35.8	741
	21-23	100.0	96.5	78.3	56.7	33.7	20.6	10.3	5.1	.4	45.8	741
TOTALS		99.9	89.2	71.0	52.1	35.8	22.8	11.9	6.2	1.4	44.7	5943

USAFETAC

FORM
JUL 64

0-87.5 (OL A)

RELATIVE HUMIDITY

SEP
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP.	00-02	100.0	98.8	94.3	83.2	68.9	52.5	35.3	23.6	10.0	62.5	720
	03-05	100.0	99.2	98.3	91.8	79.8	62.0	47.7	33.1	12.9	68.4	719
	06-08	100.0	99.4	97.4	91.4	78.7	60.8	45.8	30.2	12.0	67.4	719
	09-11	100.0	95.8	79.6	58.1	39.2	25.8	15.3	7.1	2.9	48.1	720
	12-14	99.7	79.7	49.7	31.3	19.9	12.8	7.5	3.6	1.5	36.3	720
	15-17	99.3	67.1	43.8	27.4	16.8	10.8	6.5	3.3	1.7	33.2	720
	18-20	100.0	87.3	63.7	46.7	30.9	20.0	14.5	7.6	2.2	42.9	719
	21-23	100.0	96.9	86.5	66.3	51.0	38.3	24.2	14.6	4.7	53.9	720
TOTALS		99.9	90.5	76.7	62.0	48.2	35.4	24.6	15.4	6.0	51.6	5757

UŠAFETAČ FORM 0-87-5 (OL A)
JUL 64

RELATIVE HUMIDITY

23544
STATION

BIGGS AAF TX (EL PASO)

72-79

QCT

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	98.9	92.9	79.0	65.5	45.0	31.5	19.5	7.8	59.7	742
	03-05	100.0	99.3	96.8	89.4	74.8	58.7	39.8	23.4	10.5	65.0	743
	06-08	100.0	99.7	96.8	86.8	70.4	55.0	39.8	24.1	9.7	63.9	742
	09-11	100.0	92.3	71.4	48.6	30.4	17.7	10.4	5.7	2.0	43.5	741
	12-14	99.9	71.7	46.2	22.7	13.1	7.2	3.6	2.3	.9	32.2	741
	15-17	99.5	63.3	37.4	19.0	11.2	6.7	5.1	3.2	.8	30.0	744
	18-20	100.0	86.9	65.7	41.9	27.6	17.0	10.0	6.3	1.7	41.5	743
	21-23	100.0	96.5	86.0	66.8	46.5	30.6	19.4	11.2	3.9	51.9	744
TOTALS		99.9	88.6	74.2	56.7	42.4	29.7	20.0	12.0	4.7	48.5	5940

USAFETAC FORM 7-87-5 (OL A)

RELATIVE HUMIDITY

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

72-79

NOV
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	98.2	89.7	76.4	58.1	45.7	32.9	18.7	5.8	58.2	720
	03-05	100.0	99.0	93.1	83.3	68.8	54.2	40.1	24.2	9.6	62.7	720
	06-08	100.0	99.2	92.8	82.2	68.5	51.5	36.1	21.4	8.3	61.7	720
	09-11	100.0	91.9	72.7	49.8	31.0	18.5	10.0	3.5	.4	43.6	719
	12-14	99.4	76.0	46.8	24.2	13.8	7.5	3.3	1.4	.4	32.8	720
	15-17	99.2	67.5	38.6	20.6	13.2	7.6	3.3	1.3	.4	30.6	720
	18-20	99.9	90.0	68.2	45.8	32.8	22.8	12.5	4.3	1.1	43.5	720
	21-23	100.0	96.7	83.9	66.1	46.8	33.6	24.3	11.3	2.4	52.1	720
TOTALS		99.8	89.8	73.2	56.1	41.6	30.2	20.3	10.8	3.6	48.2	5759

„USAFETAĆ

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

DEC
MONTH

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	96.2	85.6	68.4	51.5	39.4	26.5	16.1	6.6	54.8	744
	03-05	100.0	98.8	90.7	78.6	60.8	46.0	32.5	20.8	9.3	59.3	744
	06-08	100.0	99.2	92.2	81.6	63.8	49.1	34.9	20.7	9.3	60.7	744
	09-11	100.0	93.4	73.5	51.2	34.7	23.1	14.1	7.4	4.0	45.8	744
	12-14	99.7	74.9	45.0	28.2	17.1	11.2	8.1	4.6	1.9	34.5	744
	15-17	98.9	70.6	40.9	23.5	13.6	8.7	7.1	3.6	1.9	32.5	744
	18-20	100.0	89.8	68.0	40.3	31.8	17.8	10.1	6.2	3.1	43.0	743
	21-23	100.0	94.5	78.9	51.3	44.1	31.3	17.7	9.4	3.6	49.6	744
TOTALS		99.8	89.7	71.9	55.1	39.7	28.3	18.9	11.1	5.0	47.5	5951

USAFETAC FORM 0-87-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23044
STATION

BIGGS AAF TX (EL PASO)
STATION NAME

72-80
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	96.5	86.3	70.9	54.4	39.2	25.3	14.5	4.7	54.8	5949
FEB		98.4	83.2	66.3	50.3	36.4	25.7	17.3	10.7	3.9	44.8	5420
MAR		96.2	68.0	43.3	26.6	15.8	7.9	4.0	1.7	.3	37.0	5950
APR		93.1	56.3	31.5	17.0	9.2	5.5	3.0	1.1	.4	27.3	5757
MAY		91.6	54.6	34.3	21.8	13.9	9.8	6.5	3.3	1.2	29.3	5950
JUN		87.3	51.2	30.7	18.8	11.2	6.4	3.6	1.8	.8	26.8	5752
JUL		99.2	84.5	65.9	48.9	34.5	23.7	14.0	8.2	2.0	43.7	5950
AUG		99.9	89.2	71.0	52.1	35.7	22.8	11.9	6.2	1.4	44.7	5943
SEP		99.9	90.5	76.7	62.0	48.2	35.4	24.6	15.4	6.0	51.6	5757
OCT		99.9	88.6	74.2	56.7	42.4	29.7	20.0	12.0	4.7	46.5	5940
NOV		99.8	89.8	73.2	56.1	41.6	30.2	20.3	10.8	3.6	48.2	5759
DEC		99.8	89.7	71.9	55.1	39.7	28.3	16.9	11.1	5.0	47.5	5951
TOTALS		97.1	78.5	60.4	44.7	32.0	22.1	14.1	8.1	2.8	41.6	70078

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

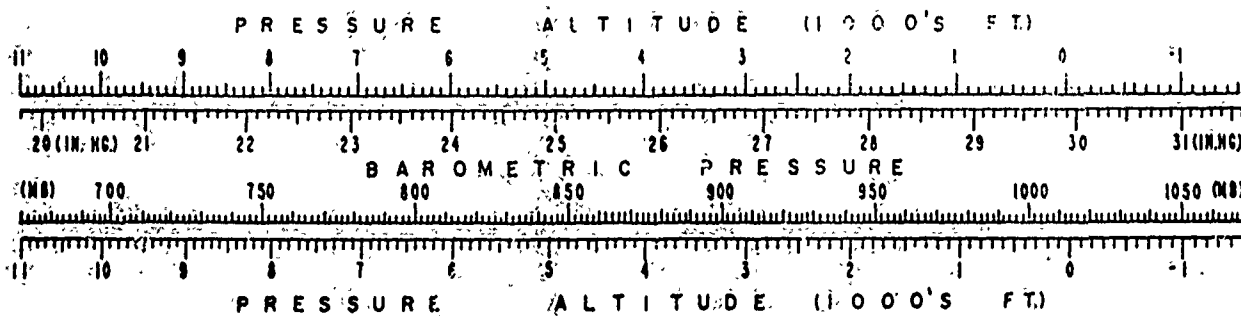
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23044 BIGGS AAF TX (EL PASO)

72-80

STATION		STATION NAME												YEARS											
HRS (L S T L)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
02	MEAN	26.022	26.022	25.926	25.929	25.912	25.952	26.005	26.013	26.021	26.035	26.031	26.047	25.993											
	S D	.142	.136	.122	.110	.099	.088	.063	.067	.086	.113	.131	.150	.121											
	TOTAL OBS	246	226	248	240	248	238	248	244	240	248	239	248	2913											
05	MEAN	26.067	26.072	25.976	25.968	25.979	26.024	26.069	26.073	26.077	26.095	26.088	26.070	26.050											
	S D	.148	.142	.127	.114	.100	.099	.063	.067	.086	.116	.142	.156	.125											
	TOTAL OBS	248	226	247	240	247	240	248	248	240	247	240	248	2919											
08	MEAN	26.053	26.059	25.967	25.977	25.969	26.010	26.052	26.056	26.064	26.079	26.071	26.075	26.036											
	S D	.145	.142	.129	.115	.098	.088	.062	.065	.083	.116	.136	.152	.122											
	TOTAL OBS	248	226	248	239	248	239	248	248	240	247	240	248	2919											
11	MEAN	26.127	26.126	26.015	26.016	26.005	26.052	26.090	26.102	26.109	26.126	26.122	26.135	26.085											
	S D	.146	.146	.131	.122	.102	.096	.063	.064	.086	.118	.142	.165	.128											
	TOTAL OBS	248	226	248	239	248	240	248	248	240	248	240	248	2921											
14	MEAN	25.994	25.993	25.895	25.905	25.896	25.936	25.984	25.990	26.000	26.008	26.001	26.007	25.967											
	S D	.142	.137	.129	.118	.099	.085	.061	.064	.084	.115	.134	.153	.122											
	TOTAL OBS	247	224	248	240	247	239	248	247	240	248	240	247	2915											
17	MEAN	26.040	26.026	25.916	25.912	25.902	25.940	25.992	26.005	26.019	26.039	26.039	26.049	25.990											
	S D	.143	.136	.130	.119	.103	.100	.066	.070	.090	.116	.134	.153	.128											
	TOTAL OBS	248	226	247	240	248	240	248	247	240	248	240	248	2920											
20	MEAN	26.014	26.005	25.901	25.897	25.881	25.914	25.968	25.982	26.002	26.020	26.020	26.033	25.970											
	S D	.136	.131	.119	.109	.097	.087	.064	.062	.090	.112	.128	.147	.122											
	TOTAL OBS	248	224	248	239	248	240	248	247	238	248	240	247	2915											
23	MEAN	26.083	26.075	25.973	25.977	25.964	26.003	26.061	26.064	26.074	26.084	26.090	26.095	26.045											
	S D	.143	.136	.124	.111	.101	.092	.064	.070	.093	.118	.132	.153	.124											
	TOTAL OBS	248	225	248	239	247	240	248	247	240	248	240	248	2918											
ALL HOURS	MEAN	26.050	26.047	25.946	25.950	25.939	25.979	26.028	26.036	26.046	26.061	26.058	26.067	26.017											
	S D	.148	.144	.132	.122	.109	.103	.076	.078	.095	.122	.140	.158	.130											
	TOTAL OBS	1981	1803	1982	1916	1981	1916	1984	1976	1918	1982	1919	1982	23340											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HBS FROM HOURLY OBSERVATIONS

23044 BIGGS AAF TX (EL PASO)

72-80

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
02	MEAN	1016.8	1016.1	1011.1	1010.1	1008.2	1008.5	1010.6	1011.2	1012.3	1014.2	1016.0	1017.6	1012.7	
	S D	6.204	6.077	5.307	4.876	4.492	3.818	2.808	2.969	4.145	4.836	5.960	6.779	5.907	
	TOTAL OBS	248	226	247	240	248	240	248	247	240	248	240	248	2920	
05	MEAN	1016.9	1016.3	1011.5	1010.9	1009.3	1009.6	1011.4	1011.7	1012.8	1014.9	1016.5	1017.8	1013.3	
	S D	6.341	6.197	5.442	4.899	4.424	3.808	2.755	2.917	4.001	4.821	6.058	6.821	5.798	
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922	
08	MEAN	1018.9	1018.4	1013.5	1012.6	1010.8	1010.9	1012.7	1013.2	1014.4	1016.8	1018.4	1019.7	1015.0	
	S D	6.436	6.323	5.494	5.028	4.433	3.752	2.778	2.862	3.954	4.826	6.120	6.952	5.947	
	TOTAL OBS	248	226	248	240	248	239	248	248	240	247	240	248	2920	
11	MEAN	1019.2	1018.3	1012.9	1011.8	1010.0	1010.1	1012.0	1012.6	1013.9	1016.1	1017.9	1019.4	1014.5	
	S D	6.329	6.199	5.501	5.154	4.438	3.687	2.759	2.779	3.986	4.904	6.066	6.938	6.057	
	TOTAL OBS	248	226	248	239	248	240	248	248	240	248	240	248	2921	
14	MEAN	1015.7	1015.0	1009.9	1009.1	1007.5	1007.8	1009.8	1010.3	1011.4	1013.2	1014.7	1016.1	1011.7	
	S D	5.17	5.982	5.453	5.053	4.513	3.604	2.752	2.835	4.079	4.843	5.912	6.862	5.789	
	TOTAL OBS	248	225	248	240	247	239	248	248	240	248	240	248	2919	
17	MEAN	1015.6	1014.4	1009.1	1007.9	1006.3	1006.3	1008.3	1009.0	1010.5	1012.8	1014.8	1016.2	1010.9	
	S D	5.954	5.838	5.311	4.926	4.488	3.669	2.920	2.887	4.175	4.739	5.793	6.632	6.012	
	TOTAL OBS	248	226	248	240	248	240	248	247	240	248	240	248	2921	
20	MEAN	1017.3	1016.1	1010.8	1009.3	1007.3	1007.2	1009.4	1010.2	1012.1	1014.3	1016.4	1018.0	1012.4	
	S D	5.984	5.900	5.189	4.853	4.484	3.787	3.005	2.861	4.230	4.756	5.823	6.637	6.180	
	TOTAL OBS	248	225	248	240	248	240	248	247	239	248	240	248	2919	
23	MEAN	1017.5	1016.4	1011.3	1010.2	1008.4	1008.5	1010.8	1011.2	1012.6	1014.4	1016.6	1017.9	1013.0	
	S D	6.073	5.949	5.239	4.929	4.469	3.959	2.858	2.925	4.214	4.945	5.940	6.717	5.976	
	TOTAL OBS	248	226	248	240	248	240	248	247	240	248	240	248	2921	
ALL HOURS	MEAN	1017.2	1016.4	1011.3	1010.2	1008.5	1008.6	1010.6	1011.2	1012.5	1014.6	1016.4	1017.8	1012.9	
	S D	6.279	6.187	5.520	5.151	4.671	4.021	3.130	3.142	4.261	4.986	6.076	6.888	6.092	
	TOTAL OBS	1984	1806	1983	1919	1983	1918	1984	1980	1919	1983	1920	1984	23363	